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JOHNSTON ISLAND, PACIFIC ISLAND. REVISED UNIFORM SUMMARY OF SIB--ETC  
JUN 73

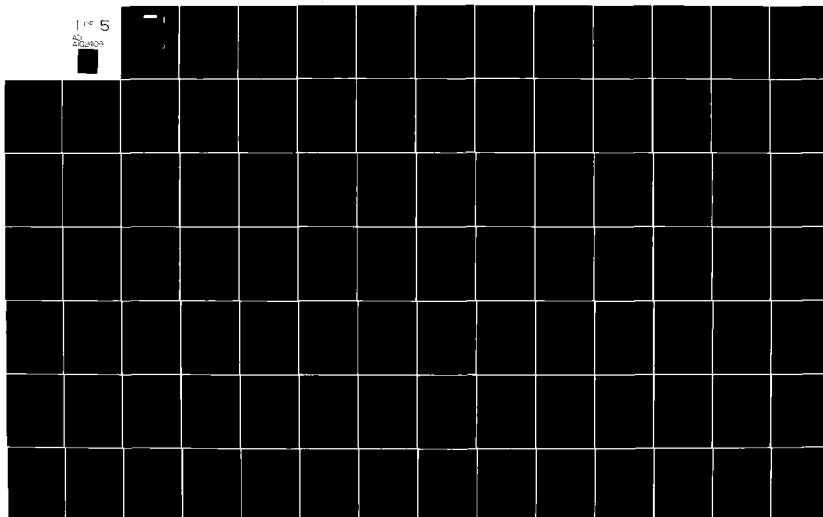
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1 OF 5

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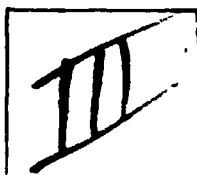


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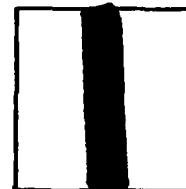
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Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

JOHNSTON ISLAND/PACIFIC IS WBAN# 21603  
N 16 44 W 169 31 ELEV 17 FT PJON WMO# 91275

PARTS A-F

POR FROM HOURLY OBS: APR 45-JUN 72  
POR FROM DAILY OBS: APR 45-JUN 72

JUN 07 1973

FEDERAL BUILDING  
ASHEVILLE, N. C.

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DD FORM 1 JAN 73 1473

UNCLASSIFIED

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19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\*JOHNSTON ISLAND

\*PACIFIC ISLAND

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

DATA PROCESSING DIVISION  
UCAFTAC OL-1  
AIR WEATHER SERVICE (MAC)

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NAME		LATITUDE		LONGITUDE		STATION ELEVATION		CALL SIGN		WMO NUMBER	
JOHNSTON ISLAND PACIFIC IS		N 16 44		W 169 31		17		FJCN		91275	
STATION LOCATION AND INSTRUMENTATION HISTORY											
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY		
			FROM	TO			STATION ELEVATION	BAROMETER			
1	Johnston Island NAS	NAS	Jul 45	22 Nov 46	N 16 44	W 169 32	17	20	24		
2	Same	Same	23 Nov 46	30 Dec 47	Same	Same	Same	12	24		
3	Same	Same	31 Dec 47	30 Mar 48	Same	Same	Same	Same	24		
4	Same	Same	31 Mar 48	Jun 48	N 16 45	Same	Same	10	24		
5	Johnston Island AFB	AFB	Jul 48	Jun 50	Same	Same	Same	Same	24		
6	Same	Same	Jul 50	Feb 53	N 16 44	W 169 31	Same	11	24		
7	Same	Same	Mar 53	Oct 56	Same	Same	Same	Same	24		
8	Same	Same	Nov 56	19 Oct 58	Same	Same	Same	Same	8		
9	Johnston Island	WB	20 Oct 58	10 Mar 62	Same	Same	Same	Same	Dec 61 80 obs		
10	Johnston Island/Flt C	AF	11 Mar 62	06 Nov 62	Same	Same	Same	Same	10 Mar 62 24		
11	Johnston Island	WB	07 Nov 62	Dec 62	Same	Same	Same	Same	24		
12	Same	Same	Jan 63	Feb 63	Same	Same	Same	Same	8		
13	Same	Same	Mar 63	Dec 64	Same	Same	Same	Same	24		
14	Same	Same	Jan 65	Jun 72	Same	Same	Same	Same	8		

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 45 to Jun 48	U.S. Navy weather station.	Anemometer	N/A	N/A	
2	Jul 48 to Jun 50	Located on top Weather Station.	Selsyn	ML144B	N/A	
3	Jul 50 to Feb 53	AF Station.	Same	Same	N/A	
4	Mar 53 to Feb 55	Same	Same	Same	N/A	
5	Mar 55 to Feb 56	Located on top of MATS Terminal Bldg at SW end.	1. AN/GMQ-1	None	25 Ft	
6	Mar 56 to Feb 57	Located on top of OPS/Weather Station.	2. Selsyn	ML144B	25 Ft	
		Located on top of Base Operations Bldg.	Same	Same	40 Ft	

USAFETAC 0-19 (OL A)

CONTINUED ON REVERSE SIDE

Y. MEAS. OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 57 to 19 Oct 58	Located on top of Weather Station.	Same	Same	29 Ft	
8	20 Oct 58 to May 76	Located on the ground of field.	1. F420C 2. F102A	None None	21 Ft 22 Ft	
9	May 46 to Mar 10 62	Same	1 & 2 Same	1 & 2 None	1 & 2 21 Ft	
10	Mar 11 62 to Nov 66	Not available. USAF Test Period.	N/A	N/A	N/A	
11	Nov 76 to Jun 72	Located on the ground of field.	1. F420C 2. F102A	None None	21 Ft 21 Ft	

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ASHEVILLE, NORTH CAROLINA

## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total column. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observation with reduced visibility.

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USAF ETAC  
AIR WEATHER SERVICE/AC

## WEATHER CONDITIONS

STATION

JOHNSTON ISLAND/PACIFIC IS

45-72

YEARS

ALL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.1	2.0				2.0		.0			.1	13140
FEB		.1	4.2				4.2		.1			.1	12150
MAR		.2	5.7				5.7	.1	.5			.5	13600
APR		.1	5.7				5.7	.1	.5			.5	13384
MAY		.2	4.1				4.1	.1	.1			.1	14371
JUN			2.7				2.7	.0	1.2			1.2	13692
JUL		.2	2.2				2.9		.0			.0	14320
AUG		.2	3.4				3.4		.1			.1	14320
SEP		.1	3.4				3.4		.1			.1	13670
OCT		.2	4.3				4.3	.0				.0	14122
NOV		.0	4.3				4.3						13210
DEC		.1	5.8				5.8						13585
TOTALS		.1	4.3				4.3	.0	.2			.2	14371

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATING SERVICE/AC

## WEATHER CONDITIONS

STATION  
STATION

STATION NAME  
STATION NAME

40-72

YEARS

MONTH  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM ROUTE OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	.1	4.4				4.4						1636
	03-05	.1	5.5				5.5						1637
	06-08	.1	4.2				4.2						1641
	09-11	.1	5.5				5.5						1642
	12-14		5.1				5.1		.1			.1	1642
	15-17	.1	5.0				5.0						1642
	18-20	.1	4.8				4.8						1643
	21-23		4.1				4.1						1643
TOTALS		.1	5.0				5.0		.0			.0	13140



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 USAF ETAC  
 AIR WEATHER SERVICE/AGC

## WEATHER CONDITIONS

STATION

STATION NAME

40-76

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
1-6	00-02	.2	5.5				5.5		.4			.4	1700
	03-05	.2	5.6				5.6	.1	.4			.4	1702
	06-08	.2	5.9				5.9	.1	.5			.5	1702
	09-11		5.1				5.1	.1	.6			.4	1702
	12-14	.1	5.7				5.7	.1	.4			.4	1704
	15-17	.1	5.8				5.8		.5			.5	1701
	18-20	.1	5.3				5.3	.1	.5			.6	1699
	21-23	.1	5.0				5.0		.5			.5	1699
TOTALS		.2	5.7				5.7	.1	.5			.5	17000

## WEATHER CONDITIONS

214. 3  
STATION

STATION NAME

45-77

YEARS

17K  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

[illegible]

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USAF ETAC  
AIR EATING SERVICE/VAC

## WEATHER CONDITIONS

216  
STATION

STATION NAME

45-72

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JULY	00-02		4.8				4.8	.1				.1	1797
	03-05	.1	5.2				5.2	.1				.1	1797
	06-08	.1	3.8				3.8		.1			.1	1796
	09-11		3.3				3.3		.2			.2	1794
	12-14		4.1				4.1		.1			.1	1796
	15-17		4.3				4.3						1796
	18-20	.1	3.6				3.6		.1			.1	1797
	21-23		3.5				3.5						1796
TOTALS		.6	4.1				4.1	.1	.1			.1	14371

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ 40

## WEATHER CONDITIONS

2160  
STATION

JOHNSTON ISLAND/PACIFIC IS

STATION NAME

45-72

YEARS

12  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		3.9				3.9		1.4			1.4	1712
	03-05		3.3				3.3	.1	1.3			1.4	1712
	06-08		3.7				3.7		1.1			1.1	1711
	09-11		2.0				2.0		.7			.7	1710
	12-14		2.0				2.0		1.0			1.0	1711
	15-17		2.7				2.7		1.2			1.2	1712
	18-20		1.9				1.9		1.4			1.4	1713
	21-23		2.4				2.4		1.4			1.4	1711
TOTALS			2.7				2.7	.2	1.2			1.2	13692

## WEATHER CONDITIONS

2166.3  
STATION

STATION IN ISLAND/PACIFIC IS  
STATION NAME

43-71

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS. WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS. WITH OBST. TO VISION	TOTAL NO. OF OBS.
JUL	00-02		2.9				2.9		.1			.1	1797
	03-05		3.1				3.1						1803
	06-08		3.4				3.4						1801
	09-11		3.1				3.1						1799
	12-14		2.5				2.5						1799
	15-17		2.4				2.4						1798
	18-20		2.5				2.5		.1			.1	1799
	21-23	.1	3.0				3.0		.1			.1	1794
TOTALS		.1	2.9				2.9		.0			.0	14330





DATA PREPARED BY: [REDACTED]  
 USAF ETAC  
 AIR WEATHER SERVICE/ [REDACTED]

## WEATHER CONDITIONS

215  
STATION

JOHNSTON ISLAND, PACIFIC IS  
STATION NAME

65-71

YEARS

1 OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02		4.6				4.6	.1				.1	1767
	03-05	.1	6.2				6.2						1767
	06-08		3.7				3.7						1766
	09-11		3.7				3.7						1766
	12-14		3.2				3.2	.1				.1	1767
	15-17		3.3				3.3						1765
	18-20	.1	4.2				4.2						1766
	21-23	.1	5.1				5.1						1753
TOTALS		.2	4.3				4.3	.0				.0	14122

◆◆◆◆

## WEATHER CONDITIONS

45-71

YEARS

15 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS. WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1	00-02	.1	4,5				4,5						1651
	03-05		4,7				4,7						1651
	06-08	.1	4,7				4,7						1650
	09-11		3,9				3,9						1653
	12-14		4,1				4,1						1651
	15-17		3,9				3,9						1651
	18-20	.1	4,4				4,4						1654
	21-23		4,1				4,1						1654
TOTALS		.2	4,3				4,3						12215

## WEATHER CONDITIONS

45-71

YEARS

15. MONTH

### PLACE TAG FREQUENTLY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

[illegible]

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than  $5/8$  mile.

ATMOSPHERIC  
STATION  
11-117-1-117-1

XXXXXXXXXXXXXXXXXXXX  
**WEATHER CONDITIONS**  
ATMOSPHERIC PHENOMENA

STATION NAME PACIFIC IS

48-7

YEARS

MONTH

EXCEPT DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.2	61.7				61.7	.1	.1			.	775
FEB		1.2	62.1				63.1		.3			.	770
MAR		1.7	66.7				66.8	.6	.5			.	771
APR		2.2	67.5				65.5	1.2	1.4			.3	772
MAY		.2	65.3				65.0	.4	.4			.5	765
JUN		.4	66.0				66.0	.1	1.6			1.7	769
JUL		.2	71.4				70.8	.1	.3			.4	775
AUG		.2	72.2				67.0	.1	.3			.4	775
SEP		.2	71.1				71.2	.1	.1			.3	750
OCT		.2	74.9				74.5	.7				.7	801
NOV		1.5	75.3				73.2						751
DEC		1.5	74.8				73.6						742
TOTALS		.9	68.5				68.9	.3	.4			.7	9243

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AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART B                      PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather	From beginning of record thru Jun 52	Snow depth at 0030 GCT
Bureau Stations	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

\* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,  
~~and was removed from the summary thereafter.~~

DATA PROCESSING NAME  
 NAME ETC  
 AIR BASE LOCATION

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 RECEIPT  
 (FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	55-104	105-154	155-254	255-504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	1 1 1 1 1 1		5.12	11.9	5.5	5.4	2.4	1.7	1.2	.5	.2			34.2	157	2.96	12.93	.23	
FEB	1 1 1 1 1 1		6.0	14.7	4.1	7.3	2.4	1.3	1.4	.1				36.0	140	1.34	1.14	.23	
MAR	1 1 1 1 1 1		2.4	27.9	7.4	6.7	2.3	2.0	1.0	.4				41.7	110	2.52	2.18	.30	
APR	1 1 1 1 1 1		7.7	13.7	7.4	2.1	3.3	1.2	1.0	.4				41.2	110	2.40	1.29	.31	
MAY	1 1 1 1 1 1		2.0	14.5	6.4	2.4	1.0	.0	1.5	.2				37.4	604	1.96	1.41	.11	
JUN	1 1 1 1 1 1		7.0	13.7	6.7	2.7	1.7	.7	.1					42.1	510	.90	1.11	.21	
JUL	1 1 1 1 1 1		1.0	12.2	4.4	6.9	1.2	.9	.4					39.0	866	1.19	2.96	.44	
AUG	1 1 1 1 1 1		4.7	14.4	1.3	7.5	2.7	2.1	.0	.2	.1			39.2	806	2.35	1.80	.26	
SEP	1 1 1 1 1 1		7.8	13.4	7.2	7.5	3.0	1.4	1.5	.2				43.1	510	2.23	1.12	.23	
OCT	1 1 1 1 1 1		7.9	14.1	5.4	10.5	4.5	2.5	2.4	.1	.1			48.7	137	3.53	1.72	.54	
NOV	1 1 1 1 1 1		7.7	13.4	7.7	7.3	4.5	2.7	.2	.1				46.3	510	2.17	1.71	.51	
DEC	1 1 1 1 1 1		5.7	14.1	6.9	1.3	3.2	3.0	2.0	.4	.1			47.4	806	3.41	1.04	.21	
ANNUAL	31.5	27.0	7.3	13.0	6.4	7.3	2.3	1.7	1.4	.2	.0			41.3	9709	2.64			

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

PRECIPITATION  
(FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72

YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45				.81	.26	.15	.18	.34	.05	1.13	.96	.30	
46	.22	1.23	.23	1.26	1.04	.06	1.04	.58	1.93	1.93	1.38	1.29	1.93
47	.26	.14	1.37	.15	.18	.08	2.04	.15	.43	1.43	.11		
48	.10	.05	.65	.83	.33		.48	2.27	4.02	1.11	.34	.33	
49	.16	1.42	.15	.93	.95	.23	.24	.87	.40	3.18	2.33	1.49	3.18
50	.79	1.98	2.05		.66	.87	.60	.56	1.04	.20	.73	2.05	
51	4.79	.62	3.46	.22	.28	.29	.66	.26	1.50	.75	.22	.80	4.79
52	5.46	1.32	1.42	.29	.24	.29	.19	.12	1.08	.59	.13	.18	5.46
53	.20	.19	.85	.39	.20	.31	.52	.12	.11	.26	.10	.51	.85
54	9.83	.17	.23	.26	.29	.17	.79	.97	.31	.33	.40	3.12	9.83
55	1.77	.38	.80	.56	1.22	.55	.25	.48	1.05	1.90	2.84	1.48	2.84
56	3.37	1.42	1.54	1.96	.12	.20	1.23	.40	.45	.78	.33	.13	3.37
57	.06	4.72	.56	.31	.07	.05	.11	.11	.69	.62	.12	.82	4.72
58	.54	.20	.95	.16	.08	.33			.75	1.77	.93	.11	
59	2.20	.60	.25	2.84	.09	.28	.37	7.44	.60	.46	.30	2.30	7.44
60	.63	.15	1.88	.36	.25	.26	.21	.49	2.29	2.31	.23	1.71	2.31
61	.49	.35	.39	1.66	.11	.12	.16	1.27	.35	9.16	.77	.72	9.16
62	.78	1.30		2.24	.74	.62	.16	.95	.68	.21	.56	.19	
63	.08	.15	1.74	2.71	4.57	.44	.24	2.39	.41	.31	.50	.23	4.57
64	.19	.38	1.19	3.07	1.55	1.14	.31	.56	.28	.61	.54	6.84	6.84
65	.67	.35	.28	.21	1.81	.46	.10	.39	1.41	2.18	.44	.95	2.18
66	.11	2.10	.14	.13	.04	.08	.32	.75	.12	2.14	1.03	.29	2.14
67	.16	1.31	3.04	.28	.45	.80	.63	.41	2.65	2.13	1.15	1.49	3.04
68	.41	.27	3.82	.85	3.64	.62	.33	2.54	.75	.67	.30	3.06	3.82
69	.89	1.78	.51	.28	.20	.18	.12	.37	.51	.23	.18	.34	1.78
70	.13	.29	.18	.24	.23	.32	.59	.17	.29	1.73	.81	2.22	2.22
71	.41	.17	1.60	.32	.12	.60	.18	.86	2.19	.26	.54	1.38	2.19
72	1.92	1.30	.52	2.50	1.69	.21							
MEAN	1.39	.88	1.15	.96	.77	.36	.46	.99	.98	1.42	.69	1.32	4.00
S.D.	2.194	.926	1.032	.958	1.082	.271	.433	1.481	.933	1.755	.675	1.408	2.461
TOTAL OBS	837	763	806	810	868	810	806	806	810	837	810	806	9769

USAF ETAC FORM 088 5-011

1 DATA PROCESSING BRANCH  
2 USAF ETAC  
1 AIR WEATHER SERVICE/MAC

## EXTREME VALUES

PRECIPITATION  
(FROM DAILY OBSERVATIONS)

21603 JOHNSTON ISLAND/PACIFIC IS  
STATION STATION NAME

49-72

YEARS

24 HOUR AMOUNTS IN INCHES  
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
47												.22	PRECIP
48						.70						26	DAYS
50				2.82		20							PRECIP
51				29			.30	.57					DAYS
62			1.11				30	28					PRECIP
			29										DAYS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM 0-88-5 (OLI)  
JUL 64

DATA PROCESSING SECTION  
WASH. STATE  
AIR WEATHER SERVICE/AC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION 210 WASHINGTON STATE AIRPORT 15-72

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0													9	.0	.0	.0	
FEB	100.0													7	.0	.0	.0	
MAR	100.0													10	.0	.0	.0	
APR	100.0													11	.0	.0	.0	
MAY	100.0													6	.0	.0	.0	
JUN	100.0													10	.0	.0	.0	
JUL	100.0													7	.0	.0	.0	
AUG	100.0													17	.0	.0	.0	
SEP	100.0													10	.0	.0	.0	
OCT	100.0													7	.0	.0	.0	
NOV	100.0													10	.0	.0	.0	
DEC	100.0													7	.0	.0	.0	
ANNUAL	100.0													97	.0			

1210 WS FORM  
JUL 64 0-15.5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

SNOWFALL  
(FROM DAILY OBSERVATIONS)

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72

YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45				.0	.0	.0	.0	.0	.0	.0	.0	.0	
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	837	763	806	810	868	810	837	837	810	837	810	837	9862

USAF ETAC FORM 0-88-5 (OCT)  
JUL 64

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

## EXTREME VALUES

**SNOWFALL**  
(FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72

YEARS

24 HOUR AMOUNTS IN INCHES  
/BASED ON LESS THAN FULL MONTHS/

[illegible]

1  
2

DATE PREPARED: 10-10-77  
 BY: JTS  
 FOR: RATION: 2-10-77

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 (FROM DAILY OBSERVATIONS)

STATION: 45-72 STATION NAME: YEARS:

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	100.0															997			
FEB	100.0															997			
MAR	100.0															997			
APR	100.0															997			
MAY	100.0															997			
JUN	100.0															997			
JUL	100.0															997			
AUG	100.0															997			
SEP	100.0															997			
OCT	100.0															997			
NOV	100.0															997			
DEC	100.0															997			
ANNUAL	100.0															997			

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72

YEARS

## DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45				0	0	0	0	0	0	0	0	0	
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S D	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	837	763	806	810	868	840	837	837	810	837	810	837	9892

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

## EXTREME VALUES

**SNOW DEPTH**  
(FROM DAILY OBSERVATIONS)

21603	JOHNSTON ISLAND/PACIFIC IS
STATION	STATION NAME

45-72

YEARS

DAILY SNOW DEPTH IN INCHES  
/BASED ON LESS THAN FULL MONTHS/

[illegible]

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART C

## SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1968, and in tens of degrees starting in 1969. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

FROM DAILY OBSERVATIONS

STATION	STATION NAME	YEARS

[illegible]

(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

**YEARS**

[illegible]

2

DATA PROCESSING BRANCH  
 FTAC/USA  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21601	JOHNSTON ISLAND/PACIFIC IS	45-72	ALL
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.2	.3	.3	.1	.0	.0	.0				1.1	11.2
NNE	.0	.2	.5	.4	.5	.2	.0	.0				2.3	13.7
NE	.1	.4	1.8	4.7	3.1	.9	.1	.0				11.7	14.9
ENE	.1	.6	4.0	15.1	11.5	2.9	.2	.0				34.4	15.6
E	.1	.8	6.1	21.5	7.9	1.2	.0	.0				37.7	14.0
ESE	.0	.4	1.7	3.8	1.1	.2	.0					7.3	12.9
SE	.0	.3	.8	.7	.1	.0	.0					2.0	10.8
SSE	.0	.2	.3	.3	.1	.0	.0	.0				.9	10.9
S	.0	.1	.2	.2	.0	.0	.0	.0	.0			.6	9.9
SSW	.0	.1	.1	.1	.0	.0	.0	.0				.4	10.9
SW	.0	.1	.1	.1	.0	.0	.0	.0				.4	10.6
WSW	.0	.1	.1	.1	.0	.0	.0	.0				.3	11.5
W	.0	.1	.1	.1	.0	.0	.0					.3	11.2
WNW	.0	.1	.1	.1	.0	.0		.0				.2	9.9
NW	.0	.1	.1	.1	.0	.0	.0	.0				.3	9.6
NNW	.0	.1	.1	.1	.0	.0	.0	.0				.3	10.1
VARBL													
CALM												.5	
	.4	3.6	10.6	48.2	24.6	5.5	.4	.0	.0			100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 164347

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 21600 QUINCY ISLAND/PACIFIC IS 46-72 YEARS JAN  
 CLASS ALL WEATHER MONTH ALL  
 CONDITION ALL  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	1.2	.9	.5	.2	.3	.0				3.0	12.5
NNE	.0	.4	1.0	1.8	1.5	.7	.3	.0				5.8	15.2
NE	.2	.7	2.0	4.5	3.5	1.7	.4	.1				13.0	15.5
ENE	.1	1.2	3.6	9.1	6.7	3.2	.3	.0				24.2	15.4
E	.1	1.5	5.7	11.6	5.4	.9	.0					25.2	15.4
ESE	.1	.7	2.6	4.7	1.6	.3	.0					9.9	12.7
SE	.1	.6	1.5	1.4	.2	.0	.0					3.8	10.5
SSE	.0	.3	.7	.7	.2	.0	.0					2.1	11.2
S	.1	.3	.6	.3	.0	.0						1.3	8.8
SSW	.0	.2	.3	.3	.1	.2						.7	10.7
SW	.0	.3	.5	.5	.2	.1	.0					1.5	11.3
WSW	.0	.2	.4	.5	.3	.1	.0	.0				1.5	13.4
W	.4	.2	.3	.4	.3	.2	.1					1.4	13.8
WNW	.0	.2	.3	.4	.1	.1		.0				1.1	11.4
NW	.0	.2	.5	.4	.1	.1	.0	.0				1.3	11.0
NNW	.1	.3	.6	.3	.1	.0	.0	.0				1.4	9.7
VARBL													
CALM												1.5	
	1.1	1.9	21.8	38.0	20.6	7.5	1.4	.2				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 13117

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

210 STATION GUANTANAMO ISLAND/PACIFIC IS 46-72 YEARS 1953  
STATION NAME ALL WEATHER NORTH ALL  
CLASS ALL  
CONDITION ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.4	.7	.7	.3	.0						2.1	11.0
NNE	.0	.2	.9	2.3	.8	.2	.0	.0				4.8	13.0
NE	.0	.8	2.4	5.8	3.5	.9	.2	.0				13.7	14.5
ENE	.1	.9	3.3	12.5	9.3	2.5	.4	.0				28.9	15.6
E	.1	1.2	5.1	15.5	7.8	1.1	.0					30.9	14.1
ESE	.0	.8	2.4	3.7	1.2	.1						8.3	12.1
SE	.1	.6	1.3	.9	.2	.0						3.1	9.9
SSE	.0	.4	.6	.5	.1	.0						1.5	9.4
S	.0	.3	.4	.3	.0	.0						1.0	8.7
SSW	.0	.2	.2	.2	.0							.4	8.0
SW	.0	.2	.3	.1	.0	.0						.6	7.4
WSW	.0	.2	.2	.1	.0	.0						.5	9.1
W		.1	.3	.2	.0							.7	9.4
WNW	.0	.2	.1	.1								.4	7.8
NW	.0	.2	.3	.2	.0							.7	8.5
NNW		.3	.3	.3	.1							1.0	9.7
VARBL													
CALM												1.0	
	.6	7.4	18.8	43.3	23.2	5.0	.7	.0				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 12151

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21670 STATION 21670 NAME GUADALUPA ISLAND/PACIFIC IS CLASS ALL WEATHER YEARS 46-72 MONTH ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.4	.7	.6	.2	.0						2.0	10.8
NNE	.0	.5	1.2	1.9	1.3	.7	.0					5.6	14.3
NE	.1	.7	2.6	7.7	6.7	2.0	.2	.0				19.9	15.6
ENE	.1	.6	3.7	12.6	12.3	4.9	.5	.1				34.7	16.5
E	.1	.8	4.3	12.1	6.2	1.2	.1	.0				24.8	14.2
ESE	.0	.4	1.6	3.7	1.4	.2	.0					7.5	13.3
SE	.0	.2	.7	.8	.1							1.8	10.7
SSE	.0	.1	.3	.3	.0							.8	9.8
S	.0	.1	.3	.3	.0							.7	10.2
SSW		.1	.1	.1								.3	9.9
SW		.1	.2	.1	.1							.4	10.8
WSW		.0	.2	.1	.0							.3	10.7
W		.0	.1	.1	.0							.2	11.1
WNW		.0	.0	.0								.1	8.0
NW	.0	.1	.1	.1	.0							.2	8.9
NNW		.1	.1	.1	.0							.2	10.7
VARBL													
CALM												.4	
	.4	4.1	16.2	40.5	28.4	9.1	.8	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 13610

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21673  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-77  
 YEARS

1968  
 MONTH

ALL WEATHER  
 CLASS

ALL  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.4	.4	.2	.0						1.1	10.5
NNE	.0	.2	.6	.9	.4	.0						2.2	12.3
NE	.0	.4	1.6	5.7	4.9	1.4	.1	.0				14.1	15.7
ENE	.0	.5	3.2	14.3	13.0	4.3	.3					35.6	16.4
E	.1	.6	5.4	19.3	7.6	1.2	.0					34.2	14.2
ESE	.0	.2	1.4	3.4	.9	.2	.0					6.2	13.2
SE	.0	.2	.7	1.0	.2	.0						2.1	11.5
SSE		.2	.4	.9	.1	.0						1.3	11.0
S	.0	.1	.3	.3	.0							.8	9.4
SSW	.0	.0	.1	.1								.2	9.8
SW	.0	.2	.1	.2	.0							.5	9.4
WSW		.1	.1	.1	.0							.3	9.7
W		.1	.2	.1	.0							.4	9.5
WNW	.0	.0	.0	.0								.1	8.0
NW		.1	.1	.0	.0							.2	8.1
NNW	.0	.1	.1	.1	.1	.0						.3	10.9
VARBL													
CALM												.4	
	.3	3.2	14.7	46.4	27.4	7.2	.4	.0				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS

13884

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21003  
 STATION

WINSTON ISLAND/PACIFIC IS

STATION NAME

45-72

YEARS

DAY

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.1	.1	.0	.0							.2	8.2
NNE	.0	.1	.2	.3	.1	.0	.0					.7	12.0
NE	.0	.4	1.3	6.7	3.4	.6	.0	.0				12.4	14.8
ENE	.0	.4	2.9	16.1	13.5	3.4	.1					36.5	16.0
E	.1	1.1	5.8	23.5	8.6	.9	.0					40.0	13.9
ESE	.0	.4	1.6	3.5	.8	.1	.0					6.4	12.6
SE	.1	.4	.8	.6	.0							1.9	9.4
SSE	.0	.1	.3	.2	.0							.7	9.5
S	.1	.1	.1	.0								.4	6.6
SSW	.0	.0	.0									.1	5.6
SW	.0	.0	.0	.0	.0							.1	7.6
WSW	.0	.0										.0	4.8
W	.0	.0	.0									.1	4.5
WNW		.0	.0	.0								.0	7.6
NW		.0	.0									.1	6.0
NNW	.0	.0	.0									.0	3.2
VARBL													
CALM												.4	
	.4	2.3	13.3	51.0	26.5	5.1	.1	.0				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS

14372

2

DATA PREPARED BY: RARON  
 STATION: USAF  
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION: 21000 STATION NAME: JOHNSTON ISLAND/PACIFIC IS YEARS: 45-72 MONTH: JUN

CLASS: ALL WEATHER MONTH: ALL

CONDITION: \_\_\_\_\_

HOURLS (L.S.T.): \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.0	.0	.0								.0	7.6
NNE			.1	.1	.0	.0						.2	13.0
NE	.0	.2	.8	2.9	1.3	.1						5.3	13.9
ENE	.0	.3	3.1	17.4	14.1	2.9	.1					37.6	15.9
E	.0	.6	6.6	29.9	9.6	1.2	.0					46.0	14.1
ESE		.3	1.4	4.3	.7	.1						6.7	12.7
SE	.0	.2	.5	.4	.1	.0						1.1	10.1
SSE	.0	.1	.1	.1	.0	.0						.2	10.3
S	.0	.1	.1									.2	5.9
SSW	.0	.0	.0									.1	5.8
SW		.0										.0	4.5
WSW		.0										.0	5.0
W		.0		.0								.0	9.5
WNW		.0										.0	5.0
NW			.0									.0	7.0
NNW													
VARBL													
CALM												.1	
	.1	1.4	12.6	55.0	25.9	4.3	.1					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 13692

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21613  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.0	.0	.0								.0	8.4
NNE		.0	.3	.2	.0							.4	10.9
NE	.0	.1	1.3	4.2	1.6	.3						7.4	14.1
ENE	.0	.2	4.4	21.0	12.5	1.1	.0					39.1	15.0
E	.0	.6	6.7	31.1	6.3	1.2	.0					45.9	13.7
ESE	.0	.2	1.2	3.6	.9	.0						5.9	13.1
SE	.0	.0	.2	.2	.1							.6	12.0
SSE		.0	.0	.0	.0	.0	.0					.1	13.7
S		.0	.0	.0								.0	9.7
SSW													
SW													
WSW													
W	.0		.0									.0	4.7
WNW		.0										.0	5.0
NW													
NNW				.0								.0	12.0
VARBL													
CALM												.3	
	.1	1.1	14.2	60.4	21.3	2.6	.1					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS

14390

2

DATA PROCESSING BRANCH  
 STAG/USA  
 AIR FATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21803 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 MONTH ALL  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0		.0	.0	.0	.0						.1	12.3
NNE	.0	.0	.2	.2	.0							.4	11.1
NE		.2	1.9	3.3	1.7	.1	.0					7.2	13.6
ENE	.0	.2	4.6	18.6	11.8	1.8	.2	.0				37.2	15.2
E	.0	.3	7.0	30.0	7.8	.9	.0					45.9	13.9
ESE	.0	.1	1.4	4.9	1.0	.1	.0					7.4	13.3
SE	.0	.1	.3	.3	.1	.1						.9	13.4
SSE		.0	.0	.1	.0	.0						.1	13.1
S	.0	.0	.1	.0			.0					.2	9.7
SSW	.0		.0	.0								.1	7.9
SW	.0	.0	.0									.0	4.0
WSW													
W		.0		.0								.0	7.7
WNW													
NW													
NNW				.0								.0	12.0
VARBL													
CALM												.2	
	.1	.9	15.4	57.6	22.5	3.0	.3	.0				100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 14939

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-71  
YEARS

JFP  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.1	.0	.0	.0							.2	6.3
NNE	.0	.1	.3	.1	.1	.0						.6	10.2
NE		.2	2.3	3.7	1.3	.1						7.6	12.9
ENE	.1	.7	5.8	16.7	10.7	2.9	.1	.0				36.9	15.0
E	.1	1.0	10.0	26.1	6.2	.6	.0					43.9	13.0
ESE	.1	.5	2.3	3.5	.6	.1						7.0	11.7
SE	.1	.2	.7	.5	.1	.0	.0					1.5	10.3
SSE	.0	.1	.2	.1	.0							.4	8.5
S	.0	.1	.1	.1	.0							.4	8.2
SSW	.0	.2	.1	.0	.0							.4	7.2
SW	.0	.1	.1	.0	.0							.2	7.0
WSW	.0	.1	.0	.0		.0						.1	7.7
W		.0	.0	.0								.1	8.5
WNW	.0	.0	.0	.0								.0	6.4
NW	.0	.0	.0	.0								.1	8.4
NNW			.0	.0								.0	11.0
VARBL													
CALM												.4	
	.4	3.5	21.9	31.0	19.1	3.6	.1	.0				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

13676

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/AC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

21600  
 STATION

JOHNSON ISLAND/PACIFIC IS

45-71

YEARS

UT  
 MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.1	.2	.1	.0							.4	8.6
NNE		.2	.4	.3	.0							1.0	10.4
NE	.1	.3	1.7	4.0	2.5	.3	.0	.0				8.9	14.1
ENE	.0	.6	5.9	15.9	11.5	2.3	.0					36.4	15.0
E	.1	.8	7.0	22.7	7.8	1.6	.0					40.0	13.9
ESE	.0	.3	1.7	4.1	1.4	.3	.0					7.8	13.5
SE	.1	.3	.8	.7	.2	.1	.0					2.2	10.9
SSE	.0	.2	.3	.2	.0	.0						.8	9.6
S	.0	.1	.2	.3	.1	.1						.8	12.3
SSW	.0	.0	.1	.1	.1	.0						.4	12.3
SW	.0	.0	.1	.1	.0	.0						.2	11.3
WSW	.0	.0	.0	.1	.0							.1	9.8
W	.0	.0	.1	.0								.1	8.1
WNW	.0	.0	.0									.1	6.3
NW		.0	.0	.0								.0	9.2
NNW	.0	.0	.0	.0								.1	8.6
VARBL													
CALM												.6	
	.5	3.0	18.8	48.6	23.9	4.7	.1	.0				100.0	14.0

TOTAL NUMBER OF OBSERVATIONS

14118

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21600  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

1 V  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.2	.3	.3	.2	.1	.0					1.3	12.6
NNE	.0	.2	.5	.8	.6	.1						2.1	13.2
NE	.1	.4	1.4	3.2	2.1	.4	.0					7.6	14.1
ENE	.1	.0	3.9	15.4	11.6	2.4	.1	.0				34.0	15.4
E	.1	.8	4.6	20.5	11.8	1.7	.0					39.6	14.9
ESE	.1	.3	1.7	3.6	1.4	.2						7.3	13.2
SE	.1	.4	1.1	1.1	.2	.0	.0					3.0	10.9
SSE	.0	.2	.3	.3	.1	.1	.0	.0				1.1	12.1
S	.0	.2	.3	.2	.1	.1	.0	.0	.0			.9	12.0
SSW	.0	.1	.2	.1	.0		.0					.4	8.3
SW	.0	.2	.3	.2		.0						.7	9.6
WSW	.0	.1	.2	.0								.3	8.1
W	.0	.0	.1	.1								.2	8.4
WNW		.1	.0	.0	.0							.1	8.4
NW	.0	.1	.0	.1								.2	8.9
NNW		.1	.1	.2	.2	.0						.5	13.9
VARBL													
CALM												.0	
	.0	4.0	15.1	46.0	28.2	5.1	.3	.1	.0			100.0	14.5

TOTAL NUMBER OF OBSERVATIONS

1321

2

DATA PROCESSING BRANCH  
 ITAC/USA-  
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21601  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-71  
 YEARS

EC  
 MONTH

ALL WEATHER  
 CLASS

ALL  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.5	.6	.1	.0						1.9	10.4
NNE	.0	.3	.8	1.5	1.0	.3	.1	.0				4.2	14.8
NE	.0	.5	2.1	5.0	5.3	2.6	.2	.0				15.7	16.9
ENE	.1	.7	4.0	10.8	10.8	3.2	.2	.0				29.8	15.8
E	.1	.9	5.2	13.8	9.1	2.2	.1					31.3	14.8
ESE	.0	.3	1.8	3.2	1.4	.3	.0					7.1	13.4
SE	.1	.3	.8	.9	.2	.2	.0					2.4	11.7
SSE	.0	.2	.4	.5	.3	.1	.0	.0				1.5	13.1
S	.0	.2	.4	.4	.1	.1						1.1	11.5
SSW	.0	.1	.2	.3	.1	.1	.1	.0				1.0	16.0
SW	.0	.1	.2	.3	.1	.1	.0	.0				.9	13.1
WSW	.0	.1	.1	.2	.1	.1	.0	.0				.6	13.4
W	.0	.1	.1	.2	.0	.0	.0					.5	11.1
WNW	.0	.1	.2	.1	.0	.0						.4	10.3
NW	.0	.1	.2	.1	.0	.0						.4	9.1
NNW	.0	.2	.2	.1	.0							.6	8.4
VARBL													
CALM												.7	
	.6	4.4	17.2	37.9	28.7	9.6	.8	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS

13583

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/14C

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

46-72  
 YEARS

JAN  
 MONTH

ALL WEATHER  
 CLASS

0000-0200  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	.9	.7	.7		.4					3.7	12.4
NNE	.1	.4	.7	1.7	1.5	.6	.2					5.1	15.6
NE	.1	.7	1.7	4.6	4.6	1.9	.3	.2				14.2	16.2
ENE	.1	1.7	3.9	9.8	6.1	3.2	.2					25.1	14.9
E	.1	1.4	5.6	11.1	5.9	.8						24.8	13.4
ESE	.1	.5	2.9	4.0	1.6	.3						9.7	12.8
SE	.1	.8	1.3	1.3	.1							3.5	9.7
SSE		.2	.5	1.3	.4	.2						2.6	13.3
S		.1	.7	.5	.2							1.4	10.9
SSW			.3	.2								.5	10.0
SW		.2	.4	.6	.1	.1	.1					1.5	12.4
WSW		.1	.2	.6	.3	.2	.1					1.5	15.9
W	.1	.2	.3	.2	.3	.2						1.2	13.1
WNW	.1	.2	.2	.4		.1						1.0	10.8
NW	.1		.6	.7	.1	.1						1.5	11.4
NNW	.1	.3	.4		.1							1.0	7.8
VARBL													
CALM												1.6	
	1.2	7.7	20.5	37.6	22.2	7.7	1.3	.2				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 1635

2

DATA PROCESSING BRANCH  
ETAC/USA  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

21604  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

46-72  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	.9	.7	.4	.3	.3					4.0	11.8
NNE	.1	.3	.9	1.7	1.0	.6	.4					4.8	15.7
NE	.1	1.2	2.0	4.7	4.1	2.1	.5					14.6	15.5
ENE	.2	1.8	4.2	9.4	6.9	2.8	.2					25.5	14.7
E	.1	1.7	5.7	12.0	4.3	.7						24.4	13.0
ESE	.1	.6	2.5	3.9	1.8	.4	.1					9.3	13.6
SE	.1	.3	1.8	1.2	.2							3.9	10.1
SSE		.4	.6	1.0	.1	.1						2.1	11.2
S	.1	.1	.7	.4								1.3	9.2
SSW			.2	.4								.7	10.8
SW		.2	.7	.4	.1							1.3	10.8
WSW	.1	.1	.3	.6	.5	.1	.1	.1				2.0	15.2
W		.1	.3	.6	.2	.2						1.5	14.3
WNW		.1	.2	.3	.1							.7	10.6
NW			.6	.4	.1	.1	.1	.1				1.2	14.3
NNW		.6	.4	.3			.1	.1				1.4	10.2
VARBL													
CALM												1.2	
	.9	9.1	21.9	38.2	19.6	7.2	1.7	.2				100.0	13.9

TOTAL NUMBER OF OBSERVATIONS

1634

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 21000 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 40-77 MONTH JAN  
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	1.3	.5	.4	.1	.3	.1				3.4	12.5
NNE		.3	.7	1.5	.9	.7	.4	.1				4.3	16.2
NE	.2	1.0	2.5	4.1	3.7	2.0	.4					14.3	14.7
ENE	.1	1.3	3.1	8.7	7.3	3.2	.2					23.9	15.6
E	.1	2.1	5.6	12.0	5.9	.7						26.4	13.2
ESE		.7	2.3	4.8	1.5	.5						9.6	13.2
SE	.1	.6	1.3	1.5	.2							3.7	10.8
SSE		.2	.7	.6	.3							1.0	11.2
S		.2	.3	.7								1.2	10.1
SSW			.5	.6								1.1	11.1
SW		.2	.6	.5	.3	.1						1.7	11.9
WSW	.1	.1	.2	.5	.1	.2						1.3	14.0
W	.1	.2	.3	.6	.1	.2	.1					1.5	13.5
WNW			.2	.5	.1			.1				.9	14.6
NW		.4	.4	.5	.1	.1						1.5	11.3
NNW		.4	.5	.4	.1		.1	.1				1.5	11.8
VARBL													
CALM												1.5	
	1.0	8.4	20.4	38.1	20.9	7.9	1.5	.2				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 1639

2

DATA PROCESSING BRANCH  
ETAC/USA  
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21500 STATION 21500 STATION NAME JOHNSTON ISLAND/PACIFIC IS 46-72 YEARS MONTH JAN  
CLASS ALL WEATHER 0900-1100  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	1.2	.7	.2	.4	.1					3.0	12.1
NNE	.1	.1	1.7	2.0	1.2	.8	.4					6.3	15.0
NE	.1	.4	1.6	4.5	2.9	1.0	.2	.1				11.5	15.7
ENE	.2	1.0	3.4	8.2	6.3	3.2	.4	.1				22.8	15.6
E	.1	.7	5.6	12.4	7.1	1.3						27.3	14.0
ESE		.9	2.7	4.9	1.7	.3	.1					10.6	12.9
SE	.2	.4	1.5	1.8	.2	.1						4.4	10.3
SSE		.1	.6	.4	.2	.1						1.3	11.3
S	.1	.7	.9	.5	.1							2.3	8.4
SSW	.2	.1	.3	.4	.2							1.2	10.9
SW	.1	.4	.5	.6	.1	.1						1.6	9.8
WSW		.2	.4	.4	.3	.2	.1					1.5	14.8
W		.1	.3	.2	.2	.1	.1					.9	14.5
WNW			.3	.2								.5	11.0
NW		.3	.7	.4	.1	.1						1.6	10.7
NNW	.1	.2	.7	.4	.1	.2						1.6	11.6
VARBL													
CALM												1.7	
	1.2	6.5	22.3	38.1	20.8	8.4	1.3	.2				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 1639

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21601 STATION JOHNSTON ISLAND/PACIFIC IS 46-72 YEARS JAN MONTH  
 1200-1400 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	1.2	1.1	.4	.4	.1					3.7	12.4
NNE		.2	1.0	1.8	1.8	.5	.2					5.9	14.6
NE	.2	.6	1.8	3.8	3.0	1.8	.4					11.7	15.7
ENE	.1	.7	3.3	8.5	7.4	2.9	.2	.1				23.1	15.6
E	.1	1.1	5.7	11.4	5.2	1.0						24.4	13.6
ESE	.1	.9	2.9	5.7	1.7	.2	.1					11.6	12.6
SE	.1	.7	1.8	1.3	.1	.1	.1					4.1	10.3
SSE		.4	.9	1.0	.1	.1	.1					2.4	10.6
S	.2	.7	.8	.2								1.9	6.8
SSW		.2	.4	.3	.3							1.3	11.6
SW		.2	.4	.7	.1							1.4	10.7
WSW		.2	.3	.4	.2	.2						1.3	13.4
W	.1	.2	.4	.7	.5	.1	.1					2.0	13.7
WNW	.1	.4	.5	.5	.1	.1						1.5	9.6
NW		.1	.5	.4	.1	.1						1.2	11.7
NNW		.2	.7	.3	.1							1.3	9.1
VARBL													
CALM													
	.9	7.9	22.5	34.2	21.0	7.3	1.2	.1				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 1642



2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21604  
STATIONROBERT ISLAND/PACIFIC IS  
STATION NAME46-72  
YEARSJAN  
MONTHALL WEATHER  
CLASS1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.3	1.3	.5		.3	.1				4.0	13.1
NNE	.1	.8	1.3	1.7	2.2	.9	.2					7.1	14.8
NE		.4	2.0	4.6	3.2	1.1	.7	.1				12.0	15.7
ENE		1.3	4.0	10.4	6.0	3.9	.4	.1				26.0	15.6
E	.2	1.9	6.1	10.5	4.8	.7	.1					24.2	13.1
ESE	.1	.7	2.4	4.9	1.0	.1						9.3	12.1
SE	.1	.2	1.6	1.0	.3							3.2	10.8
SSE	.1	.4	.9	.8	.1							2.3	9.9
S	.1	.1	.2		.1							.5	7.4
SSW		.4	.2	.2								.9	8.1
SW		.6	.4	.4	.3		.1					1.8	10.9
WSW	.1	.4	.5	.5	.2		.1					1.7	11.1
W	.1	.3	.2	.2	.3	.1	.1					1.3	14.2
WNW		.2	.4	.4	.1	.1						1.2	11.6
NW		.1	.7	.3	.1							1.2	9.6
NNW	.1	.2	.7	.2	.1							1.3	9.1
VARBL													
CALM												2.1	
	.9	8.3	22.7	37.6	19.2	6.9	1.8	.2				100.0	13.4

TOTAL NUMBER OF OBSERVATIONS

1641

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21607  
STATIONWINSTON ISLAND/PACIFIC IS  
STATION NAME46-72  
YEARSJAN  
MONTH2100-2300  
HOURS (L.S.T.)ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.5	1.0	.8		.3	.1				4.2	12.9
NNE	.1	.7	.9	2.3	1.9	.8	.2					6.9	14.6
NE	.2	.9	2.3	4.8	3.3	1.5	.2	.2				13.4	14.9
ENE		1.0	2.7	9.0	6.8	3.4	.4					23.3	16.0
E	.1	1.9	6.0	11.4	5.8	1.0	.1					26.4	13.3
ESE		.7	2.4	4.1	1.8	.1						9.1	12.5
SE		.2	1.5	1.4	.3							3.5	11.1
SSE	.1	.3	.6	.8	.2							2.1	11.0
S	.1	.2	.5	.1								.8	7.9
SSW		.1	.1	.3	.1							.5	11.1
SW	.1	.2	.2	.4	.2	.2						1.4	12.1
WSW	.1	.1	.6	.6	.1			.1				1.6	12.0
W		.5	.3	.3	.3	.1	.1					1.6	12.3
WNW		.1	.2	.4	.1	.1						1.0	12.7
NW		.1	.5	.3								1.0	9.3
NNW	.4	.2	.3	.3								1.0	8.2
VARBL													
CALM												2.3	
	1.1	1.9	20.7	37.6	21.7	7.1	1.2	.3				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

1642

USAFETAC

FORM  
JUL 64

U.S. AIR FORCE

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/TAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

21643  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME46-72  
YEARSFEB  
MONTHALL WEATHER  
CLASS0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.7	.7	.3							2.2	11.2
NNE	.1	.2	.8	2.1	.9		.1	.1				4.3	13.7
NE		1.2	2.6	5.5	3.2	.9	.3					13.7	14.0
ENE	.1	1.2	4.1	11.6	9.2	2.2	.5					28.8	15.2
E	.1	1.3	5.7	16.9	8.6	1.1						33.6	14.1
ESE	.1	.5	2.3	3.2	1.0							7.1	12.0
SE	.1	.5	.9	.8	.3							2.6	10.7
SSE		.1	.2	.7	.1							1.1	12.1
S		.5	.4	.1								1.0	7.5
SSW			.4	.3								.7	9.8
SW		.1	.2	.1								.4	7.5
WSW		.1	.3	.1								.5	7.6
W		.2	.3	.5								1.1	9.2
WNW	.1	.1	.1									.3	5.4
NW	.1		.4									.5	7.7
NNW		.1	.1	.3	.2							.7	13.4
VARBL													
CALM												1.5	
	.0	6.8	19.5	42.7	23.8	4.1	.9	.1				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS

1519

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21602  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME46-72  
YEARSFFH  
MONTHALL WEATHER  
CLASS0300-0900  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.9	.7	.2	.1						2.4	10.3
NNE	.1	.3	.7	2.5	.8	.2	.1					4.7	14.0
NE		1.1	2.4	4.9	3.6	.8	.3					13.1	14.3
ENE	.1	1.2	4.2	13.4	8.6	2.5	.5					30.6	15.2
E		1.7	6.3	14.4	6.9	1.4	.1					30.7	13.9
ESE		.3	2.1	3.8	1.0	.1						7.4	12.4
SE		.0	1.4	.9	.2							3.1	9.5
SSE	.1	.1	.4	.1		.1						.7	9.7
S		.1	.4	.5	.1							1.0	10.7
SSW	.1	.4	.3	.2	.1							1.0	8.0
SW		.2	.2									.4	6.8
WSW	.1	.1	.1	.1								.3	8.0
W		.1	.2	.5								.8	10.5
WNW		.2	.2	.1								.5	7.9
NW	.1	.1	.2	.3								.7	9.2
NNW		.2	.3	.4								.9	9.7
VARBL													
CALM												1.6	
	.5	7.1	20.3	42.8	21.5	5.1	1.0					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 1519

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIRCRAFT SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603 JIMESTON ISLAND/PACIFIC IS 46-72 FEB  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER  
 CLASS  
 CONDITION  
 0600-0800  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.7	.5	.2							1.8	9.7
NNE		.7	.5	2.2	.7	.1						4.1	12.9
NE	.1	.9	2.1	5.8	3.4	1.1	.3					13.6	14.7
ENE		1.1	3.9	11.8	9.1	2.5	.6	.1				29.2	15.5
E	.2	.9	3.3	16.0	6.9	1.7						31.8	14.3
ESE		.7	2.3	3.6	1.4	.2						8.2	12.4
SE	.1	.7	1.3	1.3	.1							3.3	10.1
SSE	.1	.4	1.1	.5	.1							2.0	9.0
S		.5	.5	.1	.1	.1						1.3	9.7
SSW		.4	.1	.1	.1							.7	8.7
SW		.1	.2									.3	7.6
WSW		.1	.1	.1		.1						.3	11.3
W		.1	.2	.2								.6	9.0
WNW		.1	.2	.1								.3	9.7
NW		.2	.1	.3								.6	9.8
NNW		.1	.1	.5	.1							.8	11.8
VARBL													
CALM												1.3	
	.5	7.2	18.9	43.2	22.3	5.7	.9	.1				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 1519

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

# **SURFACE WINDS**

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21623  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

46-72  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.6	.7	.3							2.0	10.6
NNE	.1	.7	.9	1.5	.7	.1	.1					4.1	12.6
NE	.1	.5	2.2	6.7	2.8	.7	.1					13.2	14.2
ENE	.1	.5	2.6	12.2	10.2	2.0	.5					28.3	14.9
E	.3	.9	4.2	15.2	8.3	1.6	.1					30.6	14.6
ESE	.1	.9	2.9	4.5	1.6	.5						10.6	12.8
SE	.1	.6	1.9	1.1	.2							3.9	9.7
SSE	.2	.5	.8	.3	.2							2.0	8.7
S	.1	.3	.4									1.2	8.9
SSW		.1	.1	.2								.4	10.7
SW		.3	.2			.1						.5	9.1
WSW		.1	.1	.1		.1						.4	13.7
W		.2	.5	.1								.8	8.8
WNW		.1		.2								.3	10.3
NW		.1	.2	.1								.3	9.2
NNW		.3	.1	.4								.7	10.1
VARBL													
CALM												.7	
	1.1	6.4	17.7	43.6	24.4	5.2	.9					100.0	13.9

TOTAL NUMBER OF OBSERVATIONS 1517

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

21600 STATION JOHNSTON ISLAND/PACIFIC IS 46-72 YEARS FEB MONTH  
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.8	.3	.3							1.6	10.3
NNE		.2	.9	2.3	.8	.3						4.5	13.6
NE	.1	.7	1.8	6.2	3.6	.7	.3					13.5	14.6
ENE		.7	2.4	12.6	8.4	2.3	.2	.1				26.7	15.7
E	.1	.9	5.2	16.2	7.9	.7						31.0	14.0
ESE	.1	1.1	2.4	3.4	1.5	.2						8.6	12.1
SE	.1	.9	1.7	1.1	.2	.2						4.3	10.0
SSE	.1	.5	1.1	.9	.1							2.6	9.3
S		.5	.7	.3								1.4	7.5
SSW		.4	.1	.4								.8	8.8
SW		.1	.6	.1		.2						.9	11.4
WSW		.1	.3	.1								.5	9.4
W		.1	.3									.4	8.5
WNW		.2		.1								.3	7.3
NW	.1	.2	.2	.3								.9	9.0
NNW		.5	.3	.5								1.4	8.9
VARBL													
CALM												.7	
	.9	7.3	18.9	44.8	22.7	4.5	.5	.1				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 1520

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

# **SURFACE WINDS**

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

21003 STATION JOINT IN ISLAND/PACIFIC IS 46-72 YEARS FEB  
MONTH  
1500-1700  
HOURS (L.S.T.)  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.9	.5	.4	.1						2.7	11.2
NNE		.4	1.1	3.0	.6	.1						5.2	12.4
NE		.5	2.8	5.3	4.4	1.3						14.2	14.8
ENE		.9	2.8	12.5	8.7	2.2	.5					27.5	15.6
E	.1	1.3	4.4	15.1	7.7	.5						29.1	14.0
ESE	.1	1.0	3.0	3.9	1.3							9.7	11.6
SE		.7	1.6	.7								3.0	8.8
SSE		.5	.8	.5								1.8	9.4
S		.2	.5	.3								1.0	8.9
SSW		.3	.2	.1	.1							.7	8.7
SW	.1	.3	.3	.1	.1							.9	9.3
WSW		.1	.1	.1								.2	9.7
W		.2	.4	.2								.8	8.7
WNW	.1	.2	.2	.1								1.0	7.1
NW		.2	.4	.2	.1							1.1	9.6
NNW		.7	.2	.2								1.2	7.7
VARBL													
CALM												.8	
	.3	8.1	19.7	43.1	23.4	4.1	.5					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 1519

2

DATA PROCESSING RANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/FTAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21601 STATION 21601 STATION NAME ALL WEATHER YEARS 46-72 MONTH FEB  
 1800-2000  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7	.1	.3	.2						2.7	11.2
NNE		.6	1.3	2.4	1.3	.2						5.7	12.9
NE		.8	2.4	5.7	3.4	1.2	.1	.1				13.6	14.6
ENE	.1	.7	3.0	14.0	9.0	3.3	.3					30.4	15.6
E	.1	1.3	5.3	14.0	7.9	.7						29.3	13.9
ESE		1.2	2.4	3.5	1.2	.1						8.4	11.9
SE	.3	.5	.5	.4	.2							1.8	8.9
SSE		.5	.4	.4								1.3	8.5
S		.2	.5	.3	.1							1.1	9.6
SSW		.3	.1	.1								.5	7.1
SW		.1	.5	.1	.1							.8	10.4
WSW		.3	.1	.1								.3	7.3
W		.3	.2		.1							.5	7.9
WNW		.3	.2									.5	6.4
NW		.4	.3	.3								1.0	8.5
NNW		.3	.3	.5	.1							1.2	10.4
VARBL													
CALM												.9	
	.3	6.4	18.1	42.5	23.6	5.7	.3	.1				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 1519

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21000  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME46-72  
YEARSFEB  
MONTHALL WEATHER  
CLASS2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.5	1.1	.3	.1						2.1	12.9
NNE		.4	1.3	2.4	.5	.2						5.1	11.6
NE	.1	1.0	2.6	6.3	3.2	1.1	.3					14.7	14.5
ENE	.2	1.0	3.2	11.9	10.9	2.6	.1					30.0	14.7
E	.2	1.5	4.9	16.0	8.2	1.3	.1					32.1	14.1
ESE		1.0	1.9	3.4	.7							7.7	11.4
SE	.1	.2	.8	1.2		.2						2.4	11.3
SSE		.3	.1	.3								.7	9.3
S	.1	.3										.1	5.0
SSW		.1	.3	.1								.4	8.7
SW		.2	.3	.2								.7	9.1
WSW		.4	.3	.1								.9	7.8
W			.1	.3	.1							.4	13.7
WNW				.2								.2	11.3
NW	.1	.7	.2	.1								1.1	6.1
NNW		.2	.7		.1							.9	8.1
VARBL													
CALM												.9	
	.7	7.8	17.1	43.6	23.8	5.4	.9					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS

1519

DATA PROCESSING BRANCH  
STAC/USAF  
AIR - EATER SERVICE/STAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

46-72

42

ALL WEATHER

0000-0200

HOURS (L.S.T.)

### CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.9	.6	.3	.1						2.6	10.5
NNE		.7	1.1	1.2	.9	1.1						5.0	14.6
NE	.1	.5	2.7	7.8	6.8	2.4	.1					20.2	15.8
ENE	.1	.4	3.8	12.9	11.3	5.3	.6		.1			34.5	16.5
E	.1	1.0	3.8	12.2	6.4	1.5			.1			25.0	14.4
ESE	.1	.6	1.3	3.2	1.8	.2						7.1	13.4
SE		.1	.6	1.0	.4							2.1	12.6
SSE		.1	.5	.3	.1							.9	10.1
S	.1		.1	.2								.4	10.7
SSW		.1		.1								.1	8.5
SW			.2	.1	.1							.3	10.8
WSW			.4	.1								.5	10.3
W			.3									.3	8.4
WNW													
NW		.1	.1									.2	6.7
NNW			.1	.2								.2	12.0
VARBL													
CALM												.6	
	.3	4.0	15.8	40.0	28.0	10.5	.6	.1				100.0	15.0

TOTAL NUMBER OF OBSERVATIONS

1701

2

DATA PROCESSING TRACK  
 FTAC/USAF  
 AIR EAT PR SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
1501	GUANTANAMO ISLAND/PACIFIC IS	46-72	AR
CLASS			0300-0500
CONDITION			HOURS (L.S.T.)
ALL WEATHER			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.6	1.2	.4							2.6	11.4
NNE		.3	.9	1.4	.8	.8						4.2	14.5
NE		.7	2.4	7.0	6.7	2.3	.3					19.3	15.9
ENE	.1	.9	4.0	13.5	11.6	6.0	.7	.1				37.1	16.5
E	.2	1.0	4.6	11.9	5.8	.8	.1					24.3	13.7
ESE		.2	1.7	3.6	1.3	.2						7.1	13.3
SE		.4	.8	.6								1.8	10.0
SSE		.2	.3	.4								.9	9.6
S		.1	.2	.2	.1							.5	11.4
SSW		.1		.1								.2	11.3
SW		.1	.2	.1	.1							.5	11.8
WSW			.1	.2								.3	11.4
W			.2		.1							.2	11.3
WNW		.1										.1	6.0
NW		.1										.1	6.0
NNW			.1	.1								.2	10.0
VARBL													
CALM												.7	
	.3	4.5	16.2	40.2	26.9	10.0	1.1	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1702

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION 21603 STATION NAME ROBINSON ISLAND/PACIFIC IS YEARS 46-72 MONTH JAN  
 CLASS ALL WEATHER MONTH 0600-0800  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.5	.6	.1							1.5	10.1
NNE		.5	1.4	1.4	1.5	.6						5.2	14.4
NE	.1	.7	2.7	6.9	6.1	1.8	.2					18.6	15.6
ENE	.2	.8	4.2	12.6	12.4	4.6	1.1					36.0	16.5
E	.2	.8	4.9	11.8	6.8	1.0	.1					25.5	14.1
ESE	.1	.4	1.8	4.3	1.1	.4						8.1	13.1
SE	.1	.2	.4	.5	.3							1.5	12.0
SSE		.2	.4	.4								1.0	9.5
S		.1	.3	.4								.8	10.2
SSW			.1	.1								.1	12.0
SW		.1	.1	.1	.1							.4	11.7
WSW		.1	.1									.2	7.0
W			.1	.1	.1							.3	13.4
WNW		.1										.1	5.0
NW		.1	.1	.1	.1							.4	12.0
NNW					.1							.1	18.2
VARBL													
CALM												.5	
	.6	4.5	17.0	39.1	24.6	8.5	1.4					100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1702

2

DATA PROCESSOR RANCH  
STAC/USAF  
AIR WEATHER SERVICE/NO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2163 STATION ISLAND/PACIFIC IS 46-72 YEAR  
STATION NAME YEARS  
ALL WEATHER MONTH  
CLASS 0900-1100  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.6	.4	.1							1.2	11.0
NNE	.2	.5	.7	1.5	1.4	.4	.1					4.9	14.1
NE	.1	.5	2.7	5.5	5.8	1.9	.2					19.6	15.3
ENE	.1	.5	3.6	10.8	12.7	4.1	.4					32.3	16.4
E		.6	4.9	12.4	8.1	1.5	.1	.1				27.6	14.6
ESE	.1	.3	1.9	4.5	1.9	.2						9.0	13.4
SE		.2	.6	.5	.1							1.4	10.8
SSE		.3	.5	.2								1.1	8.7
S		.1	.3	.5								.8	11.2
SSW		.1	.2	.2								.5	10.5
SW		.1	.2	.1	.1							.4	10.5
WSW			.1	.1								.2	10.3
W		.1		.1								.1	8.5
WNW			.2									.2	8.0
NW		.1		.1								.2	10.7
NNW													
VARBL													
CALM												.4	
	.4	3.4	16.6	40.1	30.1	8.1	.7	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1702

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21804 STATION JULINSTON ISLAND/PACIFIC IS 46-72 YEARS MONTH  
ALL WEATHER CLASS 1200-1400  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.8	.6	.1	.1						1.9	10.3
NNE		.6	1.2	1.5	1.2	.2						4.7	13.4
NE	.2	.9	2.1	7.6	6.3	2.1	.1					19.4	15.7
ENE		.6	3.6	12.7	12.9	3.8	.2					33.8	16.2
E		.8	5.1	13.1	5.0	1.3	.1	.1				25.5	14.2
ESE	.1	.4	1.9	4.3	1.9	.3						8.9	13.4
SE		.4	.6	1.1								2.1	10.3
SSE		.1	.4	.2								.8	9.5
S		.2	.6	.1								.8	8.6
SSW		.1	.2	.2								.4	10.4
SW		.2	.3	.3								.8	10.0
WSW			.1	.1								.1	11.5
W		.1		.2								.3	10.6
WNW		.1		.1								.1	9.0
NW		.1		.1								.2	8.0
NNW			.1	.1								.2	10.8
VARBL													
CALM												.2	
	.4	4.6	17.0	42.1	27.5	7.8	.4	.1				100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 1703

2

DATA PRESSION BRANCH  
 STAC/USAF  
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21601 STATION 01 MONT N ISLAND/PACIFIC IS 40-72 YEAR  
 MONTH 1000-1700  
 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.9	.5	.2	.1						2.4	10.6
NNE		.4	1.5	2.6	1.0	.7	.1					6.3	13.9
NE	.2	1.1	2.7	6.3	7.1	1.8	.1	.1				21.4	15.2
ENE	.1	.6	3.0	12.8	11.6	4.4	.3					32.7	16.5
E		.8	4.1	12.2	5.4	1.1	.1					23.7	14.3
ESE		.4	2.1	3.7	.9	.2						7.2	12.5
SE		.2	.7	1.0								1.9	10.8
SSE		.1	.3	.2	.1							.6	10.1
S		.2	.3	.2	.1							.8	9.7
SSW		.1	.3	.2								.5	9.9
SW		.1	.1	.2	.1							.6	11.2
WSW			.2	.1								.4	10.5
W			.1	.2								.3	13.0
WNW				.1								.1	15.0
NW		.1	.1									.2	7.3
NNW		.1	.1	.2	.2							.6	12.0
VARBL													
CALM												.3	
	.4	4.2	16.5	42.6	26.7	8.3	.6	.1				100.0	14.7

TOTAL NUMBER OF OBSERVATIONS

1701

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME46-72  
YEARSMAR  
MONTHALL WEATHER  
CLASS1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.8	.6	.3							2.0	11.1
NNE	.1	.5	1.4	2.9	1.9	.9	.1					7.7	14.8
NE	.1	.8	3.5	7.7	6.6	1.9	.2					20.8	15.3
ENE		.4	3.4	13.7	12.9	4.9	.4	.2				35.8	16.7
E	.2	.6	3.5	11.0	5.7	1.0	.2					22.2	14.3
ESE		.4	1.1	3.0	1.2	.2	.1					6.1	13.7
SE		.2	.8	.8								1.8	9.9
SSE		.1	.2	.2								.5	10.0
S		.2	.2	.3								.6	10.0
SSW		.2	.1	.3								.6	9.7
SW			.1		.1							.2	12.7
WSW			.1	.2	.1							.4	13.2
W			.2	.1								.3	10.6
WNW		.1										.1	4.0
NW	.1	.2	.1	.1								.5	8.4
NNW		.1	.2		.1							.4	8.6
VARBL													
CALM												.2	
	.5	3.9	15.7	40.8	28.9	8.9	.9	.2				100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 1699

1  
2 DATA PROCESSING BATCH  
ETAC/USAF  
AIR EATING SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21600 JUNCTION ISLAND/PACIFIC IS 46-72 19  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 2100-2300  
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.5	.4	.2	.1						1.7	10.5
NNE		.4	1.2	2.6	1.6	.6						6.4	14.3
NE	.1	.5	2.2	7.5	7.9	1.8	.2					20.2	15.7
ENE	.1	.5	3.9	11.6	12.6	6.4	.6	.1				35.8	16.9
E	.2	.8	3.8	12.2	6.5	1.3	.1					25.0	14.4
ESE	.1	.2	1.3	3.2	1.4	.2						6.4	13.7
SE	.1	.2	.6	.6	.1							1.6	9.3
SSE	.1		.2	.5								.7	11.6
S			.3	.2								.4	10.1
SSW		.1	.1									.2	6.5
SW			.2	.1								.2	9.0
WSW		.1	.2	.2								.4	10.1
W			.1	.1								.1	11.5
WNW													
NW		.1	.2	.1								.4	8.7
NNW		.2		.1								.2	7.3
VARBL													
CALM												.1	
	.7	3.5	16.6	39.3	30.4	10.5	.8	.1				100.0	15.2

TOTAL NUMBER OF OBSERVATIONS 1700

2

DATA PREPARED BY  
 FTAC/USAF  
 AIR WEATHER SERVICE/NO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

210-3  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-72  
 YEARS

0PR  
 MONTH

ALL WEATHER  
 CLASS

0000-0200  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.3	.5	.3							1.3	11.6
NNE	.1	.2	.5	1.2	.4							2.4	12.6
NE	.1	.6	1.6	4.6	4.4	1.6	.1					12.9	15.6
ENE	.1	.7	3.2	14.3	13.0	4.6	.3					36.1	16.4
E	.1	.7	6.7	19.7	7.6	1.4						36.1	14.1
ESE		.1	.9	3.4	1.0	.3	.1					5.9	14.2
SE		.1	.2	1.0	.2	.1						1.6	13.5
SSE		.2	.5	.3	.1							1.0	9.6
S	.1	.1	.2	.5								.8	10.6
SSW				.1								.1	13.0
SW		.2	.1	.1								.3	6.7
WSW		.1	.1	.1								.2	9.3
W			.2	.2								.4	10.7
WNW	.1		.1									.1	5.3
NW					.1							.1	21.0
NNW	.1	.1		.1	.1							.4	8.4
VARBL													
CALM												.2	
	.6	3.2	14.6	45.9	27.0	7.9	.5					100.0	14.9

TOTAL NUMBER OF OBSERVATIONS

1735

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-72  
YEARSAPR  
MONTHALL WEATHER  
CLASS0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.5	.2	.2							1.5	10.5
NNE	.2	.1	.6	.2	.7	.1						2.1	12.8
NE	.1	.5	2.0	5.5	4.4	.6	.1					13.1	15.0
ENE	.1	.6	3.5	14.5	13.0	3.9	.3					35.0	16.2
E		.7	6.0	18.9	7.5	1.0						34.2	14.1
ESE		.2	1.5	4.5	.9	.1						7.1	13.1
SE		.1	.8	1.1	.3							2.2	12.3
SSE		.1	.2	.5								.7	11.5
S	.1	.2	.3	.2								.7	8.5
SSW		.2	.2									.3	7.3
SW		.1	.3	.2								.6	9.6
WSW		.1	.2	.1								.3	9.0
W			.2	.1								.3	9.8
WNW				.1								.1	11.0
NW			.1									.1	10.0
NNW		.1	.1		.1							.3	8.0
VARBL													
CALM												.4	
	.7	2.9	16.4	46.5	27.1	5.7	.3					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

1736

2

DATA PROCESSING BRANCH  
 ITAC/USAF  
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-72  
 YEARS

APR  
 MONTH

ALL WEATHER  
 CLASS

0600-0800  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.4	.4	.1							1.1	9.8
NNE	.1	.3	.5	1.0	.3	.1						2.2	12.2
NE		.5	1.2	5.1	4.6	1.3						12.9	15.8
ENE	.1	.3	3.1	14.9	13.1	3.8	.5					35.7	16.4
E	.1	.6	5.2	19.5	7.1	1.2						33.6	14.1
ESE		.3	2.0	3.6	1.0	.1						7.0	12.9
SE		.2	1.2	1.3	.2	.1						2.9	11.8
SSE		.1	.3	.6	.1							1.0	11.7
S		.3	.3	.2								.8	8.6
SSW			.2	.1								.3	10.2
SW		.1	.1	.2								.3	10.2
WSW		.1	.1	.2								.4	8.9
W		.1	.2									.3	8.0
WNW		.1	.1	.1								.2	8.8
NW		.1										.1	6.0
NNW		.1	.1		.1	.1						.3	15.0
VARBL													
CALM												.7	
	.2	3.2	14.8	47.2	26.8	6.6	.5					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS

1736

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/44C

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-72  
 YEARS

APR  
 MONTH

ALL WEATHER  
 CLASS

0900-1100  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.2	.2	.1	.1						1.0	9.1
NNE		.2	.3	1.2	.4							2.1	12.8
NE		.2	1.2	4.6	5.0	1.2	.1					12.3	16.3
ENE		.1	3.1	14.8	12.0	4.5	.3					34.9	16.5
E	.2	.5	4.6	20.7	7.5	1.5						34.9	14.4
ESE		.3	1.6	4.4	1.1	.2						7.6	13.1
SE		.2	.6	1.4	.2	.2						2.6	12.3
SSE		.3	.5	.7	.2							1.8	11.3
S		.2	.1	.3								.6	8.6
SSW			.1									.1	10.0
SW		.2	.1	.3	.1							.7	11.6
WSW			.2									.2	9.0
W		.2	.1									.3	7.2
WNW			.1	.1								.1	11.5
NW		.2										.2	5.7
NNW		.1	.1	.1	.1							.3	12.2
VARBL													
CALM												.4	
	.2	3.1	12.8	48.8	26.7	7.5	.4					100.0	14.9

TOTAL NUMBER OF OBSERVATIONS

1736

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR EAT FR SERVICE/AC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 21000 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-72 MONTH APR  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.5	.3								1.1	9.7
NNE		.2	.6	.7	.3							1.9	12.2
NE		.3	1.8	5.4	4.3	1.5	.1					13.3	15.9
ENE		.6	3.2	13.0	13.1	4.5	.2					34.6	16.4
E		.3	5.3	20.3	7.6	1.0	.1					34.8	14.2
ESE		.2	1.6	3.6	1.2	.1						6.7	13.1
SE	.1	.3	.7	1.0	.2							2.4	10.7
SSE		.3	.7	1.0	.2	.2						2.3	11.9
S		.1	.2	.2	.1							.5	11.0
SSW		.1		.1								.7	9.7
SW		.2	.1	.3								.6	10.1
WSW		.1	.2	.2								.5	11.8
W		.1	.2	.1	.1							.4	9.6
WNW		.1										.1	5.0
NW		.2	.2									.3	7.2
NNW				.1								.1	15.0
VARBL													
CALM												.3	
	.1	3.1	13.4	46.3	27.1	7.3	.3					100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 1735

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

21000 STATION 210000 ISLAND/PACIFIC IS 45-72 YEARS APR  
 MONTH  
 1500-1700  
 HOURS (L.S.T.)  
 ALL WEATHER  
 CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.3	.7	.2							1.5	11.9
NNE		.2	.6	1.0	.3							2.1	11.6
NE		.6	1.8	7.1	5.2	1.7	.1					16.4	15.8
ENE		.5	2.9	14.7	12.2	4.0	.2					34.5	16.2
E	.1	.7	5.0	19.2	7.5	.7	.1					33.2	14.1
ESE		.3	1.4	3.0	.3	.1						5.2	12.6
SE		.3	.8	.6	.1							1.8	10.4
SSE		.3	.5	.5	.1							1.3	9.9
S		.1	.7	.3								1.2	9.4
SSW			.1	.2								.3	10.2
SW	.1	.1	.2	.2								.5	8.7
WSW		.1	.2		.1							.9	10.5
W		.1	.2	.1	.1							.5	10.4
WNW													
NW		.2	.1		.1							.3	7.7
NNW		.1	.1	.2								.4	9.6
VARBL													
CALM												.3	
	.1	4.0	15.0	47.7	26.1	6.6	.3					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 1737

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR EATER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS 45-72 YEARS APR MONTH  
1800-2000 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.3	.6	.2							1.7	10.4
NNE		.3	.9	1.0	.1	.1						2.4	11.1
NE		.3	1.6	6.9	3.6	1.8	.1					16.3	16.3
ENE		.6	3.2	14.6	13.1	4.3	.2					36.0	16.3
E		.9	5.1	18.2	7.6	1.4	.1					33.2	14.3
ESE	.1	.2	1.3	2.2	.6	.2						4.8	12.4
SE		.2	.9	.6	.1							1.8	10.3
SSE		.3	.2	.4								.9	9.3
S	.1	.1	.4	.3								1.1	9.0
SSW	.1		.1	.2								.3	9.4
SW		.2	.1	.1								.3	8.7
WSW		.1	.2									.2	6.8
W		.1	.3	.1								.4	8.3
WNW													
NW			.1	.1								.2	9.3
NNW			.1	.1	.1							.2	13.3
VARBL													
CALM												.2	
	.3	3.8	14.7	45.5	27.3	7.8	.3					100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 1735

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/400

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21600 STATION 21600 SURFSTON ISLAND/PACIFIC IS 45-72 YEARS APR MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.3	.2	.2							1.1	10.0
NNE		.1	.7	.0	.4	.1						2.1	12.0
NE	.1	.3	1.7	6.1	5.4	1.6	.1	.1				15.4	16.1
ENE		.4	3.2	13.7	14.5	5.1	.2					37.0	16.7
E	.1	.5	5.1	17.8	9.0	1.2						33.4	14.4
ESE	.1	.2	.9	2.4	1.2	.3						5.1	14.0
SE	.1	.2	.6	.9	.1							1.9	10.5
SSE		.1	.5	.5	.1	.1						1.2	11.5
S	.1	.1	.2	.3	.1							.7	10.4
SSW			.1	.1								.2	10.7
SW		.2	.2									.4	7.4
WSW		.1		.1								.2	9.8
W		.1	.2	.1	.1							.4	11.0
WNW	.1											.1	3.0
NW													
NNW		.1	.1	.1	.1							.3	10.5
VARBL													
CALM												.4	
	.4	2.7	13.8	43.1	31.0	8.3	.3	.1				100.0	15.2

TOTAL NUMBER OF OBSERVATIONS 1734

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION 21004 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-72 MONTH MAY  
 CLASS ALL WEATHER HOURS 0000-0200  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1									.1	5.0
NNE	.1		.3	.2	.2		.1					.5	13.3
NE	.1	.4	1.2	5.4	3.3	.5	.1					11.9	14.6
ENE		.6	3.5	15.2	13.2	4.3	.2					37.0	16.1
E	.1	1.0	6.4	22.6	9.5	1.0						40.6	14.1
ESE		.8	1.8	3.1	1.1	.1						6.6	12.5
SE	.1	.2	.6	.8	.1							1.8	10.3
SSE	.1	.4	.2	.1	.1							.8	8.5
S		.1	.1									.2	8.0
SSW		.1										.1	5.0
SW				.1								.1	12.0
WSW	.1	.1										.1	4.5
W		.1										.1	4.0
WNW													
NW													
NNW	.1											.1	3.0
VARBL													
CALM												.5	
	.4	1.8	14.0	47.9	27.4	5.8	.4					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1797

2

DATA PROCESSING BRANCH  
 STAC/USAF  
 AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

216003 JEDUSTON ISLAND/PACIFIC IS 45-72 DAY  
 STATION NAME YEARS MONTH  
 ALL WEATHER  
 CLASS  
 0300-0500  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1	.1								.2	8.3
NNE	.1		.1	.4		.1						.8	12.5
NE	.1	.0	1.3	6.2	3.7	.2		.1				12.1	14.5
ENE	.1	.6	3.6	14.9	14.2	2.9	.1					36.3	15.8
E	.1	1.4	7.2	23.4	7.7	.9						40.8	13.6
ESE		.4	1.1	3.7	1.0	.1						6.3	12.8
SE	.1	.3	.8	.8	.1							2.0	10.2
SSE	.1	.1	.4	.2	.1							.8	10.7
S		.1	.1	.1								.2	8.0
SSW													
SW	.1	.1	.1									.2	5.7
WSW		.1										.1	5.0
W													
WNW		.1										.1	5.0
NW													
NNW													
VARBL													
CALM												.4	
	.4	3.7	14.6	49.6	26.9	4.2	.1	.1				100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1797

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21663  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-72  
YEARSMAY  
MONTHALL WEATHER  
CLASS0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1	.1								.2	8.7
NNE		.1	.2	.2								.4	10.0
NE		.1	1.1	6.3	3.6	.7						11.7	15.1
ENE	.1	.4	3.5	15.5	13.5	2.6	.1					35.7	15.7
E	.2	1.6	5.5	24.4	9.0	.9	.1					41.8	14.0
ESE	.1	.6	1.6	3.2	.8	.1						6.3	12.1
SE	.1	.2	1.2	.6								2.2	9.1
SSE		.1	.2	.2								.6	8.9
S		.1	.2	.1								.4	9.4
SSW		.1	.1									.1	6.0
SW													
WSW													
W			.1									.1	8.0
WNW		.1	.1	.1								.2	8.7
NW													
NNW													
VARBL													
CALM												.8	
	.4	3.2	13.8	50.6	26.8	4.3	.2					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1796

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

216-0 STATION 2071STON ISLAND/PACIFIC IS 45-72  
 STATION NAME YEARS  
 ALL WEATHER CLASS  
 0900-1100 MONTH  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.1	.2	.3	.1	.1						.7	12.9
NE		.2	1.2	5.3	2.8	.8						10.4	15.1
ENE		.6	2.3	15.8	13.7	2.9	.1					35.3	16.0
E	.1	.8	5.6	25.6	9.2	.9						42.1	14.1
ESE		.5	2.0	3.8	.7	.2						7.2	12.2
SE	.1	.2	.9	.7	.1							2.0	10.0
SSE			.2	.2								.6	10.1
S	.2	.2	.5	.1								.9	6.6
SSW	.1											.1	2.0
SW		.1	.1		.1							.2	10.0
WSW													
W													
WNW			.1									.1	7.0
NW		.1	.1									.1	6.0
NNW			.1									.1	7.0
VARBL													
CALM												.3	
	.4	2.7	13.2	51.8	26.6	4.8	.1					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1794

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

2100  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-72  
YEARS

1 MAY  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.1	.1	.1							.4	9.6
NNE		.1	.1	.2	.2							.5	13.1
NE		.2	1.3	7.1	2.9	.7						12.4	14.7
ENE		.3	2.2	16.4	12.6	2.7						34.6	16.0
E	.1	.5	5.6	25.7	7.9	.3	.1					46.1	13.8
ESE		.2	2.1	4.5	.8	.1						7.7	12.5
SE	.1	.6	1.4	.3								2.3	8.4
SSE	.1	.2	.2	.2								.8	8.0
S	.2	.4	.2									.8	5.9
SSW		.1	.1									.2	6.0
SW		.1	.1	.1								.2	9.0
WSW													
W		.1										.1	5.0
WNW													
NW		.1	.2									.2	6.5
NNW													
VARBL													
CALM													
	.3	3.1	12.5	34.6	24.5	3.8	.1					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1797

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR LEADER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION 21003 JOHNSTON ISLAND/PACIFIC IS 45-72 AY  
STATION NAME YEARS NORTH  
ALL WEATHER 1500-1700  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.1	.1								.4	8.1
NNE		.2	.2	.3	.2							.9	11.4
NE		.4	1.4	7.6	4.1	.8						14.3	14.9
ENE	.1	.2	2.5	18.1	12.2	3.2						36.2	15.8
E	.1	.8	5.5	22.4	8.2	.5	.1					37.6	13.8
ESE		.3	2.1	3.8	.5	.1						6.7	12.1
SE		.8	.7	.4								1.9	8.4
SSE		.2	.3	.2	.1							.8	10.1
S	.1	.2										.3	4.3
SSW		.1	.1									.2	6.7
SW		.1	.2									.3	7.2
WSW													
W		.1										.1	4.3
WNW													
NW													
NNW			.1									.1	7.0
VARBL													
CALM												.1	
	.3	3.7	12.1	52.9	25.3	4.6	.1					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1798

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

216003  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-72  
YEARSDAY  
MONTHALL WEATHER  
CLASS1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.2									.3	7.4
NNE	.1	.2	.4	.4	.1							1.1	10.4
NE		.3	1.6	8.3	3.9	.9						15.1	14.8
ENE	.1	.3	2.6	17.6	13.1	4.6						38.3	16.2
E	.1	1.6	5.3	21.8	7.6	.8						37.2	13.8
ESE	.1	.2	1.0	2.8	.8	.1	.1					5.1	13.2
SE	.1	.2	.4	.4	.1							1.2	9.1
SSE	.1	.1	.3	.3								.7	9.8
S		.1										.1	6.0
SSW													
SW													
WSW		.1										.1	5.0
W	.1	.1										.1	4.0
WNW													
NW		.1										.1	5.0
NNW	.1	.1	.1									.2	4.7
VARBL													
CALM												.4	
	.6	3.3	11.9	51.6	25.6	6.3	.1					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

1797

2

DATA PROCESSING DIVISION  
ETAC/USA-  
AIR WEATHER SERVICE/ETAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

21673  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.1	.1								.3	7.3
NNE		.1	.1	.2	.2	.1						.6	14.0
NE	.1	.4	.9	7.0	3.1	.5	.1					12.1	14.7
ENE		.5	3.3	15.4	15.4	4.2	.1					38.9	16.3
E		1.5	5.5	21.8	10.0	1.6						40.3	14.2
ESE			1.1	3.2	.7	.1						5.1	13.6
SE		.1	.8	.6								1.4	10.5
SSE		.1	.2	.2								.5	8.9
S	.1	.1										.1	4.5
SSW													
SW		.1										.1	4.0
WSW		.1										.1	5.0
W	.1											.1	2.0
WNW													
NW													
NNW													
VARBL													
CALM												.4	
	.3	2.9	12.0	48.3	29.3	6.5	.2					100.0	14.9

TOTAL NUMBER OF OBSERVATIONS

1796

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR FORCE SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21601 STATION 21601 JONSTON ISLAND/PACIFIC IS 45-72 YEARS  
 CLASS ALL WEATHER  
 CONDITION  
 MONTH JUN  
 HOURS 0000-0200  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			.1	.1								.2	10.7
NE		.2	.8	2.4	1.3							4.8	13.6
ENE		.5	3.3	17.6	14.3	2.6	.1					38.3	15.7
E	.1	.8	6.4	29.8	9.9	1.0						48.5	14.2
ESE		.5	1.5	3.6	.9	.2						6.6	12.6
SE		.4	.3	.9								1.1	9.3
SSE			.1	.1								.1	10.5
S		.1										.1	5.0
SSW		.1										.1	4.0
SW													
WSW		.1										.1	5.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.2	
	.1	2.5	12.4	54.0	26.4	4.4	.1					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1712

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/SAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-72  
YEARSJUN  
MONTHALL WEATHER  
CLASS0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			.1	.1	.1							.2	13.0
NE		.4	.9	3.1	1.3	.1						5.7	13.6
ENE		.3	3.6	16.9	13.1	2.5						36.3	15.6
E	.2	.7	8.2	29.1	8.7	1.4						48.2	13.7
ESE		.3	1.4	4.8	.9							7.5	12.8
SE	.1	.2	.5	.6		.1						1.5	10.6
SSE		.1	.1	.1								.3	9.8
S													
SSW													
SW		.2										.2	4.7
WSW		.1										.1	5.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.1	
	.2	2.2	14.8	34.7	24.1	4.0						100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1712

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/IN

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

21900 STATION JONESTON ISLAND/PACIFIC IS 45-72 YEARS MONTH JUNE  
CLASS ALL WEATHER HOURS 0600-0800  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1									.1	7.0
NNE			.1	.1	.2	.1						.5	16.4
NE		.2	.8	2.9	1.1	.1						5.1	13.7
ENE		.2	3.3	16.7	12.9	2.9						36.4	15.6
E		.5	8.4	26.9	10.5	1.2						47.6	14.2
ESE		.2	1.2	5.9	.9	.1						8.2	13.3
SE		.3	.3	.5	.2							1.2	10.9
SSE		.1	.1	.2	.1							.4	12.5
S	.1		.2									.2	6.8
SSW		.2										.2	6.0
SW													
WSW													
W				.1								.1	14.0
WNW													
NW													
NNW													
VARBL													
CALM												.1	
	.1	2.1	14.3	53.2	25.8	4.4						100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1711

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

216973  
STATIONJEDINSTON ISLAND/PACIFIC IS  
STATION NAME45-72  
YEARSJUN  
MONTHALL WEATHER  
CLASS0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE			.1	.1								.2	12.0
NE		.1	.7	2.0	1.3	.1						4.3	14.2
ENE	.1	.1	2.7	15.2	12.5	3.3						33.8	16.2
E		.4	6.1	30.5	12.1	1.3						50.4	14.4
ESE		.2	2.3	6.5	.6							9.8	12.3
SE		.1	.2	.3	.1							.6	11.3
SSE	.1	.1	.2	.2								.5	9.2
S		.2	.1									.3	5.8
SSW		.1										.1	6.0
SW													
WSW													
W		.1										.1	5.0
WNW													
NW													
NNW													
VARBL													
CALM													
	.1	1.4	12.5	34.7	26.7	4.7						100.0	14.7

TOTAL NUMBER OF OBSERVATIONS

1710

USAFETAC

FORM  
JUL 64

D-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR EAT FOR SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION 210-4 JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-72 YEARS MONTH JUNE  
 CLASS ALL WEATHER  
 CONDITION

1200-1400  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			.2	.1								.3	10.4
NE	.1	.2	.6	2.6	1.3	.1						5.1	16.0
ENE		.1	2.4	17.4	12.7	2.3	.1					35.1	16.0
E		.6	6.0	32.1	10.2	.8	.1					49.9	14.2
ESE		.1	1.6	5.3	.8	.1						7.9	12.8
SE		.2	.3	.5	.1							1.1	10.2
SSE		.1	.1		.1							.2	9.5
S		.2	.2									.5	6.4
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	.1	1.7	11.4	58.4	25.2	3.3	.1					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 1711

AU-A102 409 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JOHNSTON ISLAND, PACIFIC ISLAND. REVISED UNIFORM SUMMARY OF SIM--ETC  
JUN 73

UNCLASSIFIED USAFETAC/DS-81/071

SBIE-AD-E850 0A1

4

2 of 5

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2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21693  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-72  
 YEARS

JUN  
 MONTH

ALL WEATHER  
 CLASS

1500-1700  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1	.1								.1	11.5
NNE			.2	.2								.4	12.0
NE	.1	.2	.8	3.3	1.5	.1						6.0	14.0
ENE	.1	.2	2.9	18.1	14.3	2.8	.2					38.6	16.0
E		.6	6.8	31.2	7.7	.7						47.1	13.7
ESE		.3	1.5	3.6	.5	.2						6.0	12.7
SE	.1	.2	.7	.2								1.2	9.0
SSE		.1	.1	.1								.2	8.3
S		.2	.1									.4	5.5
SSW			.1									.1	7.5
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	.2	1.9	13.2	56.8	23.9	3.7	.2					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 1712

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

21603 STATION JOHNSTON ISLAND/PACIFIC IS 45-72 YEARS MONTH JUNE  
 CLASS ALL WEATHER  
 CONDITION  
 1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1									.1	7.0
NNE				.1								.1	12.0
NE	.1	.1	.9	3.7	1.5	.1						6.4	13.8
ENE		.4	3.5	17.9	10.5	3.7	.1					42.1	16.0
E		.8	5.5	29.1	8.9	1.1						45.4	14.1
ESE		.2	.8	2.2	.9	.1						4.3	13.2
SE	.1	.1	.6	.2	.1							1.1	9.3
SSE		.1				.1						.1	14.5
S		.2	.1									.2	5.3
SSW													
SW		.1										.1	4.0
WSW													
W													
WNW													
NW			.1									.1	7.0
NNW													
VARBL													
CALM												.2	
	.2	1.9	11.6	22.2	27.8	5.0	.1					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 1713

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-72  
YEARSJUN  
MONTHALL WEATHER  
CLASS2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE				.1								.1	12.0
NE		.1	.8	2.5	1.5	.1						5.1	14.3
ENE		.5	3.2	19.2	16.2	3.2	.1					42.3	16.0
E		.6	5.3	30.8	8.9	1.5						47.0	14.3
ESE		.2	1.1	2.1	.4							3.7	11.9
SE		.1	.6	.3	.2							1.2	10.6
SSE													
S		.1										.1	5.0
SSW	.1											.1	3.0
SW													
WSW													
W													
WNW		.1										.1	5.0
NW													
NNW													
VARBL													
CALM												.3	
	.1	1.7	11.0	55.0	27.1	4.8	.1					100.0	14.8

TOTAL NUMBER OF OBSERVATIONS

1711

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1		.1								.1	8.0
NNE			.1	.4	.1							.6	13.3
NE		.1	.9	3.6	1.4	.1						6.1	14.1
ENE		.2	4.8	19.8	11.3	.9						37.1	14.8
E		.4	7.1	31.6	6.6	1.7	.1					47.6	13.8
ESE		.2	1.1	4.5	1.2	.1						7.1	13.3
SE			.4	.4	.1							.8	11.9
SSE				.1								.1	15.0
S				.1								.1	12.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW				.1								.1	12.0
VARBL													
CALM												.5	
		1.0	14.4	60.6	20.6	2.8	.1					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 1798

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-71  
 YEARS

JUL  
 MONTH

ALL WEATHER  
 CLASS

0300-0500  
 HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			.2	.2								.4	11.3
NE	.1	.1	1.1	4.2	1.8	.1						7.2	14.4
ENE		.2	5.7	20.2	12.2	.9						39.2	14.6
E		.6	8.4	29.0	5.5	1.5	.1					45.0	13.3
ESE		.2	2.1	3.0	1.4	.1						6.8	13.0
SE		.1	.2	.4	.1							.7	12.3
SSE		.1										.1	5.5
S													
SSW													
SW													
WSW													
W	.1											.1	2.0
WNW													
NW													
NNW													
VARBL													
CALM												.9	
	.1	1.2	17.5	57.0	21.1	2.6	.1					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 1803

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

21003  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE				.2	.1							.2	14.5
NE			1.2	4.1	2.1	.1						7.5	14.2
ENE		.1	4.3	22.2	11.6	1.0						39.2	15.0
E	.1	.9	6.8	29.9	6.3	1.2						45.3	13.6
ESE		.2	1.3	3.9	1.2							6.6	13.3
SE			.3	.2	.1							.6	10.8
SSE		.1	.1		.1		.1					.2	15.8
S		.1		.1								.1	10.5
SSW													
SW													
WSW													
W	.1											.1	2.0
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.1	1.2	13.9	60.6	21.3	2.3	.1					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS

1800

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1									.1	8.0
NNE		.1	.5	.1	.1							.8	9.8
NE		.1	1.5	3.6	1.8	.2						7.2	14.1
ENE	.1	.2	3.4	20.0	11.6	1.2						36.5	15.2
E		.3	6.6	32.6	6.9	1.3						47.7	13.9
ESE	.1	.1	1.9	4.0	.8							6.4	12.9
SE		.1	.1	.4								.5	11.3
SSE				.1	.1	.1						.2	19.0
S													
SSW													
SW													
WSW													
W			.1									.1	10.0
WNW													
NW													
NNW													
VARBL													
CALM												.4	
	.1	.9	13.7	60.8	21.2	2.7						100.0	14.3

TOTAL NUMBER OF OBSERVATIONS

1799

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS

STATION NAME

45-71

YEARS

JUL

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.2	.4	.3								.1	9.3
NE		.1	1.2	3.8	1.6	.6						7.3	14.6
ENE		.2	3.9	19.8	13.1	.8						38.0	15.1
E		.7	6.1	32.4	6.7	1.0						46.9	13.7
ESE	.1	.3	1.2	3.4	.7							5.7	12.4
SE	.1		.2	.4	.1							.9	11.9
SSE			.1	.1	.1							.2	14.3
S													
SSW													
SW													
WSW													
W													
WNW		.1										.1	5.0
NW													
NNW													
VARBL													
CALM												.2	
	.1	1.6	13.3	60.2	22.2	2.4						100.0	14.2

TOTAL NUMBER OF OBSERVATIONS

1799

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR EATER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-71  
 YEARS

JUL  
 MONTH

ALL WEATHER  
 CLASS

1500-1700  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE		.1	.4	.3								.8	9.9
NE		.1	1.3	5.1	1.5	.4						8.3	14.1
ENE		.2	4.0	22.1	12.6	.8						39.7	15.0
E		.7	6.1	31.3	6.3	.7	.1					45.1	13.6
ESE		.2	.9	3.4	.6							5.1	12.8
SE		.1	.3	.2	.2							.7	11.9
SSE			.1									.1	10.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.2	
		1.3	13.0	62.3	21.1	1.9	.1					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS

1796

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603

JOHNSTON ISLAND/PACIFIC IS

45-71

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1								.1	13.0
NNE			.3	.2								.4	10.6
NE		.1	1.8	4.8	1.3	.4						8.4	13.7
ENE	.1	.1	4.2	21.6	14.4	1.2	.1					41.6	15.2
E	.2	.4	6.1	31.4	5.8	.7						44.6	13.5
ESE		.1	.6	3.0	.4	.1						4.3	13.5
SE				.1	.1							.2	14.5
SSE		.1	.1									.1	8.0
S			.2									.2	8.3
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.1	
	.2	.7	13.3	61.1	22.1	2.4	.1					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS

1799

2

DATA PROCESSING BRANCH  
 FTAL/USAF  
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21004 STATION JONSTON ISLAND/PACIFIC IS 45-71 YEARS JUL NORTH  
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			.2	.1	.1							.4	13.0
NE		.1	1.6	4.5	1.1	.2						7.8	13.7
ENE		.1	4.9	21.9	13.0	1.5	.1					41.5	15.2
E	.1	.4	6.5	30.5	6.0	1.6						45.0	13.8
ESE			1.0	3.2	.7	.1						5.0	13.4
SE				.3	.1							.3	13.3
SSE				.1								.1	13.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.7	
	.1	.6	14.2	60.6	21.0	3.3	.1					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1794

2

DATA PROCESSING BRANCH  
ITAC/USA  
AIR WEATHER SERVICE/ITAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJOHNSON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSAUG  
MONTHALL WEATHER  
CLASS0000-0700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1	.1								.1	12.5
NNE		.1	.1									.1	6.5
NE		.2	2.0	2.9	1.0	.1						6.2	12.7
ENE	.1	.2	5.7	18.5	11.1	1.0	.2					36.7	14.9
E		.3	7.7	28.7	8.4	1.3						46.3	13.9
ESE		.1	1.9	5.6	1.4	.1						9.1	13.2
SE		.1	.3	.3	.3	.1						1.0	14.4
SSE				.1								.1	14.0
S													
SSW	.1											.1	2.0
SW													
WSW													
W		.1										.1	4.0
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.1	.9	17.6	56.0	22.2	2.5	.2					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 1815

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

210 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 406  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N					.1							.1	18.0
NNE		.1	.1	.2	.1							.3	11.7
NE		.1	2.7	3.1	1.3							7.2	12.8
ENE		.3	6.0	17.6	10.0	1.8	.2					35.8	14.8
E	.1	.4	7.9	30.2	6.9	.9	.1					46.5	13.6
ESE	.1	.1	1.7	5.7	1.0	.1	.1					8.7	13.0
SE	.1	.1	.3	.2	.1							.7	10.2
SSE					.1							.1	19.0
S		.1	.1				.1					.2	14.3
SSW			.1									.1	8.0
SW	.1											.1	1.0
WSW													
W				.1								.1	14.0
WNW													
NW													
NNW													
VARBL													
CALM												.4	
	.2	1.0	18.7	57.1	19.4	2.8	.4					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 1815

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR FORCE SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21000 STATION JONSTON ISLAND/PACIFIC IS 45-71 YEARS AUG MONTH  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 0600-0800  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1		.1						.1	17.0
NNE		.1	.2	.3	.1							.7	12.3
NE		.2	1.9	3.3	1.8	.1						7.3	13.4
ENE		.3	4.8	18.3	12.2	1.7	.2					37.5	15.0
E		.3	7.4	29.3	8.0	.6						45.8	13.8
ESE		.2	1.8	4.4	1.2	.1	.1					7.8	13.2
SE		.1	.1	.2	.1	.1						.5	12.2
SSE			.1	.1								.1	11.0
S		.1	.1									.1	7.0
SSW			.1									.1	10.0
SW	.1											.1	2.5
WSW													
W													
WNW													
NW													
NNW				.1								.1	12.0
VARBL													
CALM												.1	
	.1	1.2	16.4	55.9	23.5	2.5	.3					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 1815

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21003  
STATIONWINSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSAUG  
MONTHALL WEATHER  
CLASS0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.2									.2	9.7
NNE			.2	.3								.4	12.1
NE		.2	1.0	3.6	1.5	.3						6.6	14.0
ENE	.1	.2	3.7	17.0	12.2	2.6	.1					35.9	15.6
E		.3	6.3	30.6	8.6	.9	.1					46.9	14.1
ESE		.1	1.4	5.7	1.2	.1						8.5	13.3
SE		.1	.3	.3	.1	.1						.9	12.8
SSE		.1	.1			.1						.1	14.5
S		.1	.1	.2								.3	10.8
SSW	.1											.1	2.0
SW		.1										.1	4.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	.1	1.1	13.3	57.6	23.6	4.1	.2					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS

1815

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.1	.1								.3	8.3
NNE	.1	.1	.2	.2								.7	9.9
NE		.2	1.7	3.1	1.5	.2	.1					6.8	13.8
ENE		.1	3.6	17.7	12.7	2.0	.1					36.3	15.7
E		.4	6.9	30.7	8.0	.8	.1					46.9	13.9
ESE		.1	1.3	5.1	1.2	.1						7.6	13.6
SE		.1	.2	.7	.1							1.0	13.1
SSE			.1	.1								.1	12.3
S		.1	.2	.1								.4	9.3
SSW				.1								.1	12.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.1	
	.1	.9	14.8	57.7	23.5	3.1	.2					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS

1820

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS AUG  
STATION NAME MONTH  
ALL WEATHER CLASS 1500-1700  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1			.1								.2	9.7
NNE			.3	.2								.5	11.2
NE		.2	1.9	3.8	2.3	.1	.1					8.5	14.0
ENE		.4	3.5	19.7	11.2	1.5	.2					36.6	15.3
E		.2	6.8	29.9	7.9	.8						45.7	13.8
ESE		.2	.9	4.7	.9	.1						6.8	13.3
SE		.1	.3	.4	.2	.1						1.0	13.7
SSE			.1	.2								.3	10.8
S		.1		.1								.1	5.0
SSW			.1	.1								.1	11.0
SW			.1									.1	7.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.1	1.2	14.0	59.1	22.5	2.6	.3					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1820

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-71  
 YEARS

AUG  
 MONTH

ALL WEATHER  
 CLASS

1800-2000  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N					.1							.1	20.0
NNE			.2	.1								.3	9.8
NE		.2	2.3	3.5	2.3	.3						8.5	13.9
ENE		.1	4.4	20.3	13.4	1.9	.3	.1				40.4	15.4
E		.1	6.8	28.6	7.6	.5						43.6	13.8
ESE		.1	1.0	3.9	.4	.1						5.5	13.1
SE		.1	.4	.2	.1	.2						1.1	13.4
SSE		.1		.1	.1							.2	13.7
S				.1								.1	12.0
SSW			.1									.1	7.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.3	
		.5	15.2	56.8	23.8	3.0	.3	.1				100.0	14.4

TOTAL NUMBER OF OBSERVATIONS

1819

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS  
AUG MONTH  
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1	.1							.1	14.5
NNE			.1	.2								.3	11.5
NE		.1	1.3	3.5	1.9		.1					6.8	14.1
ENE		.1	4.8	19.9	11.3	2.1	.2					38.5	15.3
E		.4	5.9	31.8	6.9	1.0	.1					46.1	13.9
ESE		.1	1.0	4.5	1.0	.2						6.6	13.7
SE			.2	.3	.1	.2						1.0	15.6
SSE			.1	.1	.1	.1						.2	14.5
S	.1											.1	3.0
SSW													
SW													
WSW													
W		.1										.1	5.0
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.1	.7	13.4	60.3	21.3	3.7	.3					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 1820

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21503  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-71  
 YEARS

SEP  
 MONTH

ALL WEATHER  
 CLASS

0000-0200  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2									.4	6.5
NNE	.1	.1		.1	.1							.4	8.2
NE		.2	1.9	3.5	1.2	.1						6.8	13.0
ENE	.1	.5	6.0	16.8	9.8	2.2	.1					35.4	14.8
E	.1	1.1	12.2	25.8	5.8	.8	.1					45.9	12.8
ESE		.4	2.0	3.7	1.1							7.2	12.2
SE		.2	.8	.6	.2	.1						1.9	11.8
SSE		.2	.2									.4	7.7
S	.1	.1	.1									.2	6.5
SSW		.4	.1	.1								.6	7.1
SW		.1			.1							.2	9.3
WSW													
W				.1								.1	13.0
WNW													
NW													
NNW													
VARBL													
CALM												.6	
	.4	3.5	23.5	50.7	18.1	3.2	.2					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

1710

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSSEP  
MONTHALL WEATHER  
CLASS0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.2	.1	.2								.5	8.9
NE		.3	2.6	3.2	1.1	.1						7.3	12.4
ENE	.2	1.0	6.7	16.3	9.8	2.7	.1					36.8	14.5
E	.1	1.5	11.7	24.7	6.3	.6						44.9	12.8
ESE		.8	2.1	3.7	.6							7.1	11.8
SE		.2	.8	.3	.1							1.3	9.8
SSE		.1	.1	.1								.3	7.8
S	.1		.1	.1								.2	8.3
SSW		.2	.1	.1								.4	7.3
SW		.1	.1									.2	6.3
WSW	.1	.1				.1						.2	8.8
W				.1								.1	13.0
WNW	.1	.1										.1	3.6
NW	.1		.1									.1	3.0
NNW													
VARBL													
CALM												.5	
	.6	4.5	24.4	48.7	17.9	3.5	.1					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

1707

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSSEP  
MONTH0600-0800  
HOURS (L.S.T.)ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	4.0
NNE		.1	.5		.1							.8	9.5
NE		.2	2.8	3.0	1.8	.1						7.8	12.9
ENE	.1	.8	5.7	16.9	11.3	2.8	.1	.1				37.8	15.0
E	.1	.8	10.9	25.4	6.2	.6	.1					44.0	13.0
ESE		.4	2.0	3.4	.5	.1						6.3	11.8
SE	.2	.1	.7	.5		.1						1.5	9.6
SSE	.1	.1	.2		.1							.4	7.4
S		.2		.1								.3	5.8
SSW		.2	.2		.1							.5	8.8
SW		.1										.1	4.0
WSW			.1									.1	8.3
W		.1										.1	4.0
WNW		.1										.1	6.0
NW													
NNW													
VARBL													
CALM												.2	
	.5	3.0	23.2	49.2	20.0	3.6	.2	.1				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

1708

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS SFP  
 MONTH 0900-1100  
 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2		.1	.1							.4	9.5
NNE		.1	.5		.2							.7	10.1
NE		.2	1.8	3.2	1.5	.1						6.8	13.3
ENE		.3	4.6	17.3	11.6	2.9	.1					36.7	15.5
E	.1	.5	9.1	27.3	6.4	.6	.1					44.0	15.4
ESE	.1	.4	2.9	3.4	.8							7.5	11.5
SE	.2	.1	.8	.6	.2	.1						1.9	10.8
SSE	.2	.1	.1	.1	.1							.6	9.1
S	.1	.2	.3		.1							.6	7.5
SSW		.1	.1	.1								.3	8.2
SW	.1	.1	.1	.1								.4	6.3
WSW													
W													
WNW				.1								.1	11.0
NW													
NNW													
VARBL													
CALM												.1	
	.6	2.2	20.2	52.2	20.9	3.6	.1					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 1710

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS

STATION NAME

45-71

YEARS

SEP

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE			.3	.4	.1	.1						.7	13.5
NE		.2	2.3	4.5	1.1	.1						4.2	12.9
ENE		.5	5.3	16.4	10.1	3.1	.2					35.6	15.3
E	.1	.6	7.7	28.9	5.7	.2	.1					43.3	13.3
ESE		.7	2.3	4.2	.9	.1						7.7	11.6
SE	.1	.4	.8	.6			.1					1.9	9.9
SSE		.1	.1	.2								.4	10.3
S		.1	.4	.1	.1							.6	10.0
SSW		.2	.1									.3	6.4
SW		.2	.1									.4	6.5
WSW		.2		.1								.3	6.2
W		.1	.1	.1								.2	10.0
WNW													
NW	.1		.1	.1								.2	9.0
NNW			.1									.1	10.0
VARBL													
CALM												.1	
	.4	3.3	19.4	55.4	17.4	3.6	.4					100.0	13.7

TOTAL NUMBER OF OBSERVATIONS

1709

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 21001 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH SEP  
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.2	6.0
NNE		.1	.4	.1								.5	9.3
NE		.3	3.1	4.1	1.6							9.1	12.7
ENE		.6	5.3	17.4	10.4	2.9						36.7	15.1
E	.1	.9	9.5	26.0	5.4	.6						42.4	13.0
ESE	.2	.5	2.8	3.1	.4	.2						7.1	11.1
SE		.2	.4	.3								.9	9.2
SSE		.2	.4	.2								.8	8.8
S		.1	.1	.3								.5	10.0
SSW		.2		.1								.3	7.6
SW		.1	.1									.2	8.0
WSW			.1									.1	9.5
W		.1	.1									.1	7.0
WNW													
NW				.1								.1	14.0
NNW				.1								.1	12.0
VARBL													
CALM												.6	
	.3	3.5	22.8	31.7	17.8	3.7						100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 1700

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21604  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-71  
 YEARS

SEP  
 MONTH

ALL WEATHER  
 CLASS

1800-2000  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.2	4.7
NNE		.1	.2	.1	.1							.4	9.6
NE		.2	2.3	4.0	1.3	.1						8.7	13.0
ENE	.1	.7	6.2	17.0	11.3	3.4						34.4	15.0
E		1.6	8.9	24.9	6.6	.5						42.5	13.1
ESE	.1	.2	2.0	3.0	.5							6.0	11.7
SE	.1	.2	.5	.5		.1						1.3	10.1
SSE		.2	.1	.2	.1							.5	9.0
S	.1	.1	.1	.1								.3	8.2
SSW			.4									.4	7.8
SW		.2	.1									.2	6.3
WSW		.1	.1									.2	6.7
W		.1										.1	6.0
WNW			.1									.1	9.0
NW		.1										.1	6.0
NNW													
VARBL													
CALM												.5	
	.4	3.9	20.8	50.6	19.8	4.0						100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 1714

2

DATA PREPARED BY: KATHY  
STAC/USAF  
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21605 STATION 21605 JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS SEP MONTH 2170-2300 HOURS (L.S.T.)

ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1									.2	5.7
NNE		.1	.4	.1	.1							.6	9.8
NE		.3	1.6	3.3	1.2							6.4	13.2
ENE	.1	1.0	6.3	15.6	11.6	3.1						37.7	15.1
E	.2	.7	9.6	25.8	7.5	.6						44.4	13.2
ESE	.1	.5	2.6	3.5	.5	.2						7.3	11.6
SE		.2	.6	.6								1.4	10.4
SSE		.2										.2	5.0
S		.2	.1		.1							.4	6.8
SSW	.1	.4	.1									.6	5.2
SW		.1		.1								.1	9.0
WSW		.1		.1								.1	8.0
W		.1										.1	6.0
WNW													
NW			.1									.1	10.0
NNW				.1								.1	11.0
VARBL													
CALM												.4	
	.5	4.0	21.4	49.1	20.9	3.9						100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 1710

2

DATA PROCESSING BRANCH  
 ITAC/USAF  
 AIR WEATHER SERVICE/ITAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21600 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS CT  
 ALL WEATHER  
 CLASS  
 CONDITION  
 0000-0200  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.3	.1								.5	8.9
NNE			.2	.3	.1							.6	11.5
NE		.9	1.8	3.4	1.8	.2						7.6	13.3
ENE		.8	6.3	14.8	11.2	2.3	.1					35.4	14.8
E		1.0	7.9	22.7	8.8	1.9						42.3	14.0
ESE	.1	.1	1.8	4.4	1.5	.5	.1					8.3	13.7
SE		.1	.7	1.0	.3							2.1	11.9
SSE	.1	.5	.3	.2								1.1	7.3
S			.2	.3	.2							.7	13.8
SSW	.1	.1	.2	.1								.3	7.8
SW				.2	.1	.1						.3	16.4
WSW		.1	.1									.1	7.5
W			.1	.1								.2	10.8
WNW													
NW													
NNW			.1									.1	9.0
VARBL												.5	
CALM													
	.2	3.1	20.0	47.0	23.7	4.9	.1					100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 1765

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARS1 CT  
MONTHALL WEATHER  
CLASS0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.3	.2								.7	8.7
NNE		.1	.5	.3	.1							.9	11.3
NE		.1	1.9	3.2	2.6	.2						5.1	14.0
ENE		.8	7.4	16.4	10.6	1.9						37.1	14.5
E	.1	.4	7.1	21.6	7.2	1.5	.1					37.9	13.9
ESE	.1	.3	1.9	4.6	2.0	.4						9.4	13.7
SE	.1	.3	.8	.7	.2	.1						2.3	10.8
SSE		.3	.2	.2	.1	.1						.7	10.2
S		.3	.2	.3		.1						1.1	10.6
SSW		.1	.1	.1	.1							.3	11.5
SW			.1	.2								.2	12.5
WSW		.1		.1								.2	8.0
W			.2									.2	7.7
WNW													
NW													
NNW			.1	.1								.2	11.3
VARBL													
CALM												.7	
	.3	2.9	20.8	44.2	22.8	4.2	.1					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS

1767

2

DATA PROCESSING BRANCH  
ITAC/USAF  
AIR WEATHER SERVICE/44C

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21693 STATION 21693 JOHNSTON ISLAND/PACIFIC IS 45-71 CT  
STATION NAME MONTH  
ALL WEATHER CLASS 0600-0800  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2									.3	7.7
NNE		.1	.6	.6								1.2	10.5
NE		.1	2.2	3.9	2.3	.2						8.7	13.9
ENE		.9	6.1	16.6	11.1	2.1	.1					36.8	14.7
E	.2	.8	7.4	22.9	6.9	1.8						40.6	13.8
ESE		.1	1.9	3.9	1.3	.3						7.4	13.5
SE	.2	.2	.9	.3	.2	.1						1.9	10.5
SSE	.1	.2	.3	.2								.8	8.9
S	.1	.1	.2	.3	.1	.1						1.0	12.1
SSW	.1		.1	.2	.1	.1						.5	12.4
SW	.2		.1	.1								.3	6.7
WSW				.2								.2	12.7
W			.1									.1	8.0
WNW			.1									.1	8.0
NW			.1									.1	9.5
NNW													
VARBL													
CALM												.7	
	.9	2.4	20.1	49.3	21.9	4.7	.1					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 1762

2

DATA PROCESSING BRANCH  
 1 TAC/USAF  
 41R WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJUNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSCT  
MONTHALL WEATHER  
CLASS0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2	.1								.3	8.3
NNE		.3	.3	.2								.9	8.9
NE	.1	.1	1.4	3.5	2.4	.4						7.2	14.6
ENE	.1	.5	4.8	15.1	12.0	2.5	.1					35.0	15.3
E		.5	6.0	26.0	8.3	1.6						42.3	14.2
ESE	.1	.2	1.6	4.4	1.4	.2						7.8	13.4
SE	.3	.5	1.1	.5	.2	.1						2.5	9.4
SSE		.2	.3	.2	.1	.1						.8	10.3
S	.1	.1	.2	.5	.1	.1						1.0	11.7
SSW		.1	.2	.1	.1	.1						.5	13.5
SW			.1									.1	10.0
WSW			.1	.2								.2	12.0
W				.1								.1	12.0
WNW			.2									.2	8.7
NW													
NNW	.1											.1	3.0
VARBL													
CALM												.5	
	.6	2.5	16.3	50.7	24.4	4.9	.1					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS

1768

2

DATA PROCESSING BRANCH  
ETAC/USA  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21600 STATION JIMINISTON ISLAND/PACIFIC IS 45-71 YEARS CT  
STATION NAME NORTH  
ALL WEATHER CLASS 1200-1400  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.2	.1								.5	7.7
NNE		.1	.3	.6	.1							1.0	12.8
NE		.5	1.4	4.9	2.4	.2		.1				9.3	14.1
ENE		.3	4.9	15.1	11.0	2.2						33.4	15.3
E		.6	6.8	24.6	6.8	1.2	.1					40.2	13.8
ESE	.1	.6	2.0	4.8	1.6	.2						9.3	12.7
SE	.2	.4	.8	.7	.3		.1					2.5	11.0
SSE			.5	.2	.1	.1						.9	12.6
S		.1	.3	.2	.1	.1						.8	12.0
SSW				.1	.1							.1	16.0
SW		.1	.1	.1	.1							.3	11.3
WSW		.1	.1	.1								.2	9.0
W	.1	.1	.1									.2	9.3
WNW													
NW			.1									.1	10.0
NNW			.2									.2	8.7
VARBL													
CALM												1.0	
	.5	2.7	17.7	51.5	22.5	3.9	.2	.1				100.0	13.9

TOTAL NUMBER OF OBSERVATIONS 1767

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

21603  
STATION

WINSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

1 OCT  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.3	.1								.4	8.6
NNE		.2	.6	.2	.2							1.4	9.7
NE	.2	.2	2.0	5.5	2.9	.3	.1					11.3	14.1
ENE	.1	.6	4.8	16.5	11.8	2.1	.1					35.9	15.1
E	.1	1.0	7.6	20.5	8.5	1.1						38.8	13.7
ESE		.2	1.2	3.7	1.0	.1						6.4	13.1
SE	.1	.2	.8	.6	.2	.1						2.2	10.3
SSE	.1	.4	.2	.3		.1						1.1	9.8
S		.1	.1	.3	.1	.1						.6	13.3
SSW		.1	.1	.3	.2	.1						.7	13.5
SW			.1									.1	10.0
WSW	.1			.1	.1							.2	10.3
W		.1										.1	5.0
WNW	.1	.1	.1									.2	4.3
NW		.1										.1	5.0
NNW													
VARBL													
CALM												.7	
	.7	3.6	17.8	48.2	24.8	4.0	.1					100.0	13.9

TOTAL NUMBER OF OBSERVATIONS

1765

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

21603

JOHNSTON ISLAND/PACIFIC IS

45-71

CT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1	.1	.1							.2	10.5
NNE		.2	.7	.3	.1							1.3	9.9
NE	.1	.5	1.4	3.9	3.4	.5						9.7	14.5
ENE	.2	.6	6.9	16.7	12.4	2.8	.1					39.6	14.9
E	.2	1.0	6.1	20.9	8.3	1.6	.1					38.2	14.1
ESE	.1	.3	1.2	3.3	1.1	.3	.1					6.5	13.8
SE		.3	.8	.7	.2	.1						2.1	10.9
SSE		.1	.2	.1								.3	9.3
S	.1	.1	.2	.1	.3	.1						.7	13.1
SSW			.2	.1	.1							.3	11.6
SW			.1	.1	.1							.2	12.0
WSW		.1										.1	4.0
W													
WNW		.1										.1	5.0
NW													
NNW		.1	.1									.2	7.0
VARBL													
CALM												.5	
	.6	3.3	18.0	46.3	25.9	5.2	.3					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS

1766

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21602  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSJCT  
MONTHALL WEATHER  
CLASS2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1								.1	12.0
NNE		.2	.2	.2								.6	9.6
NE	.1	.5	1.5	3.6	2.6	.6						8.9	14.3
ENE	.1	.7	6.0	15.9	12.3	3.0	.1					38.0	15.2
E	.1	1.1	6.9	22.5	7.8	1.9						40.3	14.0
ESE		.4	1.5	3.8	1.5	.3						7.6	13.7
SE		.3	.5	.7	.5	.1						2.0	12.7
SSE		.2	.3	.2								.7	9.1
S			.2	.3	.1	.1						.6	13.4
SSW			.1	.1		.1						.2	13.3
SW	.1		.2	.1	.1	.1						.4	11.7
WSW													
W		.1	.1									.1	7.0
WNW													
NW				.1								.1	12.0
NNW		.1		.1								.1	9.5
VARBL													
CALM												.3	
	.3	3.4	17.6	47.5	24.8	6.0	.1					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS

1758

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSNOV  
MONTHALL WEATHER  
CLASS0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.3	.5	.1	.1						1.3	9.9
NNE		.2	.2	.4	.5	.1						1.5	13.6
NE	.2	.5	1.7	3.6	2.1	.5	.1					8.7	13.9
ENE		.8	4.3	15.6	10.4	2.4	.1					33.6	15.2
E	.2	.9	4.2	21.9	10.2	2.1						39.4	14.8
ESE	.2	.2	2.1	3.5	1.2	.4						7.6	13.2
SE	.1	.3	1.2	.9	.2							2.7	10.6
SSE		.1	.6	.3	.1	.2						1.3	12.5
S		.1	.4	.1	.1	.1	.1	.1				.9	13.7
SSW			.2									.2	8.8
SW		.2	.1	.1								.5	7.2
WSW		.1	.3	.1								.5	8.6
W		.1	.1	.1								.3	8.8
WNW		.2										.2	5.0
NW		.1		.1								.2	8.0
NNW		.1	.1	.2	.1	.1						.4	14.9
VARBL													
CALM												.7	
	.7	4.3	15.9	47.4	24.9	5.9	.2	.1				100.0	14.3

TOTAL NUMBER OF OBSERVATIONS

1651

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/FTAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

21023 STATION 21023 STATION NAME JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS MONTH NORTH  
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.5	.2	.2	.1	.1					1.2	12.8
NNE		.3	.4	.4	.5	.1						1.6	12.7
NE	.1	.7	1.2	3.1	2.4	.4						7.8	14.1
ENE		.8	4.7	15.5	10.6	2.5	.1					34.3	15.0
E	.1	1.0	5.1	20.1	11.2	2.1						39.5	14.9
ESE	.1	.4	2.1	3.5	1.2	.2						7.3	12.8
SE		.4	1.5	1.2	.1	.1	.1					3.3	11.2
SSE		.3	.2	.2	.1	.1						.9	11.5
S			.2	.4		.1						.7	13.4
SSW			.2	.1			.1					.4	13.3
SW	.1	.2	.2	.2								.7	8.1
WSW		.1	.2									.2	8.0
W	.1	.1	.1									.3	5.2
WNW													
NW		.1		.2								.2	11.0
NNW		.1	.2	.1	.3							.7	14.2
VARBL													
CALM												.8	
	.5	4.5	16.8	45.1	26.5	5.6	.2					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1652

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-71  
 YEARS

0600-0800  
 MONTH

ALL WEATHER  
 CLASS

0600-0800  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.4	.4	.2	.2						1.4	12.5
NNE		.2	.4	.9	.6							2.1	13.3
NE	.1	.6	1.2	2.6	2.2	.5						7.2	14.2
ENE	.2	.8	4.2	14.5	9.8	3.2	.1					32.6	15.4
E	.1	.5	5.7	20.4	12.1	2.8						41.6	15.1
ESE		.2	1.5	3.3	1.5	.2						6.7	13.3
SE		.3	.7	1.6	.2	.2						3.2	11.9
SSE	.1		.4	.2								.7	9.4
S	.1	.1	.3	.4		.2	.1					1.3	12.4
SSW	.1		.2	.1								.4	9.3
SW		.3	.2	.2		.1						.8	9.7
WSW	.1	.1	.4									.5	7.2
W													
WNW													
NW		.2										.2	5.7
NNW		.2	.1	.3	.2	.1						.8	13.4
VARBL													
CALM												.4	
	.7	3.8	15.8	45.1	26.7	7.3	.2					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

1650

2

DATA PROCESSING BRANCH  
 FTAG/USAF  
 AIR WEATHER SERVICE/PAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

21601

JOHNSTON ISLAND/PACIFIC IS

45-71

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.3	.4	.1						1.1	12.9
NNE	.1	.1	.4	.4	.5							2.0	13.7
NE		.3	1.2	2.4	2.2	.4						7.0	14.6
ENE	.1	.5	3.5	13.8	12.9	1.7	.1					32.5	15.6
E		.5	5.8	21.0	12.9	2.1	.1					42.4	15.0
ESE	.1	.4	.9	4.1	1.3	.2						7.0	13.8
SE		.2	1.5	1.1	.3							3.1	10.8
SSE	.1	.1	.4	.3	.2							1.0	11.6
S	.1	.2	.6	.1		.2						1.2	10.6
SSW		.2	.2	.1								.5	7.5
SW			.4	.3								.7	11.5
WSW			.2									.2	9.5
W			.1									.1	9.0
WNW		.1										.1	6.0
NW	.1		.1									.2	6.3
NNW		.1	.1	.4	.2							.7	13.4
VARBL													
CALM													
	.4	2.9	15.7	45.1	31.0	4.7	.2					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS

1653

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21000  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSNOV  
MONTHALL WEATHER  
CLASS1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.3	.3	.3	.1	.1					1.4	11.8
NNE		.1	.8	1.0	.4	.1						2.5	12.5
NE	.1	.2	1.6	2.3	2.2	.1						6.5	14.0
ENE		.4	3.6	14.6	11.5	1.4	.1					31.6	15.5
E	.1	.7	4.7	21.1	12.7	1.1	.1					40.4	14.9
ESE	.1	.4	1.8	5.0	1.9	.1						9.3	13.3
SE	.1	.4	1.9	.7	.2							2.9	10.2
SSE		.4	.4	.4	.2	.1	.1					1.6	12.1
S		.2	.3	.2			.1					.7	10.5
SSW	.1	.1	.2									.4	6.0
SW			.5	.4								1.0	10.1
WSW		.1	.2									.2	8.3
W		.1	.1									.2	8.0
WNW			.1									.1	10.0
NW		.2	.1	.4								.6	10.5
NNW		.1		.2		.1						.4	15.6
VARBL													
CALM												.1	
	.5	3.7	15.9	46.9	29.5	3.0	.4					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS

1650

2

DATA PROCESSING BRANCH  
 PAC/USAF  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21001 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-71 YEARS 1950-1960  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.4	.4	.2	.2						1.4	13.1
NNE	.1	.4	.7	1.0	.6	.1						2.9	12.5
NE	.4	.2	1.0	3.6	1.6	.5						7.3	13.8
ENE	.1	.3	3.4	16.2	12.2	2.0		.1				34.2	15.5
E	.1	.8	4.0	19.6	12.7	1.4	.1					38.7	15.0
ESE		.2	2.1	3.3	1.5	.2						7.3	13.2
SE	.2	.4	.9	1.0	.4							4.0	10.6
SSE	.2	.2	.4	.4	.1		.1					1.2	10.2
S	.1	.2	.3	.1	.3							.9	11.5
SSW	.1	.3	.2	.1	.3							.7	7.5
SW		.1	.3	.4		.1						.8	12.3
WSW			.1	.1								.2	10.7
W	.1	.1	.1									.2	5.7
WNW		.1	.1	.1	.1							.3	11.6
NW	.1	.1	.1									.2	6.8
NNW		.1	.1	.1	.3							.4	14.8
VARBL													
CALM												.2	
	1.2	3.6	14.1	46.4	29.9	4.4	.1	.1				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1651

2

DATA PROCESSING BRANCH  
 TAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

216-3  
STATIONJUNASTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSKIV  
MONTHALL WEATHER  
CLASS1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.5	.2	.2						1.3	14.3
NNE	.1	.2	.7	.8	.5	.1						2.5	12.9
NE	.3	.2	1.7	4.4	1.6	.5	.1					8.7	13.7
ENE	.1	.7	3.7	16.0	14.2	2.6	.2	.1				37.7	15.8
E	.1	.8	3.6	19.7	11.1	.8						36.1	14.9
ESE		.4	1.4	2.8	1.1	.2						5.9	12.9
SE	.1	.3	.7	1.1	.2	.1						2.8	10.7
SSE		.2	.2	.2	.3	.1	.1	.1				1.1	15.3
S		.5	.2	.1	.1		.1					1.0	9.6
SSW	.1	.2	.2									.4	6.1
SW		.1	.2	.2								.5	9.4
WSW		.1	.1									.2	6.3
W		.1	.1	.1								.2	10.8
WNW		.1	.1	.1								.2	7.3
NW			.1	.1								.1	11.0
NNW		.1			.2							.3	13.0
VARBL													
CALM												.9	
	.7	4.5	13.0	46.2	29.6	4.6	.4	.1				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS

1654

2

DATA PROCESSING BRANCH  
ITAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21003 STATION 21003 JONSTON ISLAND/PACIFIC IS 45-71 2100-2300  
STATION NAME YEARS NORTH  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.2	.2	.2						1.1	13.9
NNE		.1	.2	.7	.8	.2						2.1	15.3
NE	.1	.2	1.6	2.9	2.2	.3	.1					7.4	14.4
ENE	.1	1.0	3.8	16.6	11.0	3.1	.2	.1				35.8	15.4
E	.1	1.1	4.1	20.4	11.4	1.6	.1					38.8	14.8
ESE		.5	1.7	3.4	1.6	.1						7.3	13.0
SE	.1	.5	1.0	1.0	.2	.1	.1					2.8	11.2
SSE			.3	.2	.2							.7	13.3
S		.1	.2	.1				.1	.1			.7	16.3
SSW		.3	.1		.1							.4	8.0
SW		.2	.3									.4	6.6
WSW		.2	.2									.4	7.5
W				.2								.2	13.0
WNW		.1	.1									.2	6.3
NW		.1		.1								.2	9.3
NNW		.1	.1	.1		.1						.3	11.8
VARBL													
CALM												1.1	
	.2	4.8	12.8	46.0	27.8	5.6	.4	.2	.1			100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1654

2

DATA PROCESSING BRANCH  
 ITAC/USA  
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

71693  
 STATION

JUDISTON ISLAND/PACIFIC IS  
 STATION NAME

45-71  
 YEARS

DEC  
 MONTH

ALL WEATHER  
 CLASS

0000-0200  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.8	.5	.1							1.8	9.3
NNE		.4	.6	1.6	1.2	.2	.1					4.1	14.4
NE	.1	.8	2.3	4.4	5.2	2.7	.3					15.8	16.2
ENE	.1	.6	4.1	9.5	9.9	3.9	.2					28.3	16.1
E		.6	5.8	15.5	9.1	2.6	.1					33.7	14.9
ESE	.1	.4	2.0	2.9	1.2	.6						7.1	13.3
SE		.2	1.0	.7	.1	.2						2.4	11.4
SSE	.1	.2	.2	.2	.2	.2						1.6	12.2
S		.1	.2	.2								.8	10.8
SSW		.2	.1	.3	.1							.6	11.7
SW	.1	.4	.1	.4	.1	.2	.1	.1				1.4	13.4
WSW		.1	.1		.1	.1		.1				.4	19.3
W		.1	.1	.1			.1					.2	14.3
WNW			.2	.1	.1							.4	12.3
NW		.1	.1	.2								.4	11.3
NNW	.1	.4	.2									.6	5.8
VARBL													
CALM												.5	
	.5	5.0	18.0	37.1	27.3	10.9	.7	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS

1699



2

DATA PROCESSING BRANCH  
ETAC/USAF  
AFR FATEER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21614  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSJFC  
MONTHALL WEATHER  
CLASS0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.2	.4	.1							1.6	10.3
NNE	.1	.2	.8	1.0	.8	.4	.1	.1				4.2	14.5
NE		.6	2.2	5.1	4.7	2.8	.1					15.5	16.2
ENE		.7	4.4	10.7	10.5	3.9	.2	.1				30.5	16.0
E	.3	.9	5.5	12.9	9.6	1.9	.1					31.1	14.7
ESE		.1	2.1	3.4	1.6	.2	.1					7.4	13.5
SE		.1	1.0	.8	.1	.1	.1					2.2	12.2
SSE		.1	.5	.2	.4	.1						1.4	13.3
S		.1	.5	.4	.1	.1						1.0	11.2
SSW		.2	.2	.2	.1	.1	.1					.9	13.2
SW	.1	.2	.1	.2	.1	.2	.1					.9	14.1
WSW		.2	.1	.3		.1	.1					.7	12.7
W		.1	.1		.1	.1						.3	12.2
WNW			.1			.1						.2	13.7
NW	.1	.1	.2									.4	7.2
NNW		.3	.5	.1	.2							1.0	9.4
VARBL													
CALM												.7	
	.5	4.4	18.4	36.8	28.2	9.9	.8	.1				100.0	14.8

TOTAL NUMBER OF OBSERVATIONS

1699

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21603 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS LFC  
 MONTH 0900-1100  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.5	.6	.1							1.5	10.1
NNE	.1	.2	.6	.9	.9	.6						3.4	15.2
NE		.2	1.7	5.2	4.7	3.0	.1					15.0	16.8
ENE	.1	.8	3.6	12.1	10.7	3.4	.1					30.9	15.9
E		.7	4.6	14.4	8.6	2.2	.1					30.6	14.9
ESE		.5	2.1	4.2	1.2	.2	.1					8.4	13.1
SE	.1	.1	.8	.9	.4	.2						2.5	13.1
SSE	.1	.2	.3	.4	.4	.1						1.5	12.9
S	.1	.4	.3	.5		.1						1.4	10.4
SSW	.1	.1	.4	.3	.1	.1	.1					1.2	13.8
SW		.2	.2	.4	.1	.1		.1				.9	13.1
WSW	.1	.1	.1	.1	.2	.1						.6	13.1
W		.2		.3	.1							.5	11.3
WNW		.1	.1	.1								.2	8.8
NW		.1	.2	.1								.4	8.8
NNW		.2	.2	.1								.5	7.3
VARBL													
CALM												.7	
	.5	4.5	15.7	40.7	27.4	10.0	.5	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1697

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-71  
 YEARS

LFC  
 MONTH

ALL WEATHER  
 CLASS

1200-1400  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.6	1.0								2.1	9.9
NNE			.9	1.7	1.2	.4	.1					4.4	15.5
NE		.4	2.0	4.9	4.9	2.0	.1					14.3	16.2
ENE		.2	3.7	10.7	11.2	2.7	.1					28.6	15.8
E	.1	.4	5.2	15.2	8.9	2.1	.1					32.4	14.8
ESE		.5	2.1	2.9	1.3	.2	.1					7.1	13.0
SE	.1	.1	.8	1.4	.2	.2						2.8	12.4
SSE	.1	.1	.2	.6	.3	.1		.1				1.3	14.1
S		.3	.2	.3	.2	.1						1.1	11.7
SSW		.1	.3	.3	.2	.3		.1				1.3	17.5
SW		.2	.2	.2	.1	.1						.8	11.3
WSW		.1		.4	.2	.1						.8	14.6
W		.1	.1	.3								.5	10.7
WNW	.1	.2	.1	.1	.1	.1						.6	9.6
NW		.2	.2		.1	.1						.8	11.8
NNW		.1	.2	.1								.4	9.5
VARBL													
CALM												.7	
	.5	3.8	16.8	40.2	28.9	8.4	.5	.2				100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 1697

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21603 STATION JUPITER ISLAND/PACIFIC IS 45-71 YEARS DEC  
STATION NAME CLASS 1500-1700  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.4	.6	.3	.1						1.7	12.2
NNE	.1	.2	.9	1.8	1.1	.3	.2					4.9	14.0
NE		.4	1.7	5.6	6.1	2.0	.3					16.1	16.5
ENE	.1	.6	4.7	10.9	10.9	2.1	.2					29.6	15.3
E	.1	1.1	4.9	14.1	8.6	1.8						30.6	14.6
ESE		.3	1.6	2.5	1.2	.3	.1					6.0	13.6
SE	.1	.5	1.1	1.2	.2	.2						3.2	11.1
SSE		.2	.4	.4	.2	.2						1.1	11.1
S		.2	.3	.4	.1	.2						1.4	12.0
SSW		.1	.4	.4	.1	.2	.1	.1				1.2	15.8
SW			.2	.2	.1	.1		.1				.6	14.7
WSW		.1		.2	.1	.1						.6	15.2
W		.1	.1	.5	.1							.9	12.4
WNW	.2	.1	.4	.1		.1						.8	7.7
NW	.1		.2	.1								.4	7.3
NNW	.1	.1	.3	.1								.6	8.6
VARBL													
CALM												.5	
	.7	4.7	17.8	39.0	29.0	7.4	.9	.1				100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

1698

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

21600  
 STATION

JUNISTON ISLAND/PACIFIC IS

45-71

YEARS

DEC

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.5	.5	.2	.1						1.7	10.7
NNE		.4	.9	1.8	1.3	.8	.1					5.2	15.0
NE	.1	.2	2.0	5.0	6.2	2.8	.2	.1				16.7	17.0
ENE	.1	.7	3.8	12.2	10.9	2.5	.3					30.5	15.7
E	.1	1.1	4.9	11.7	9.2	2.3	.1					29.4	14.8
ESE		.5	1.9	2.9	1.2	.3						6.8	13.1
SE		.7	.6	.5	.1	.1						2.1	9.8
SSE		.2	.3	.6	.3	.2						1.6	14.0
S		.1	.2	.4	.4	.1						1.1	14.4
SSW		.1	.1	.2	.2	.1	.2					.9	20.8
SW	.1		.1	.2	.1							.5	10.2
WSW		.1	.3	.2	.1							.7	11.5
W	.1		.2	.4								.6	10.4
WNW		.1	.1	.2	.1	.1						.5	12.5
NW	.1	.2	.2									.5	6.4
NNW	.1	.1	.2	.1								.5	7.7
VARBL													
CALM												.7	
	.6	4.9	16.2	37.1	30.1	9.3	.9	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS

1699

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

21695 STATION 2100-2300 MONTH  
JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.7	.3	.3	.1						1.9	10.3
NNE	.1	.2	.6	1.1	1.2	.5	.1					4.1	15.5
NE		.7	2.5	5.4	5.9	2.9	.1					17.5	16.2
ENE	.2	.9	3.2	10.4	10.7	4.1	.4					29.9	16.3
E		.6	4.8	13.6	9.1	2.3	.1					30.5	15.0
ESE		.3	1.6	3.7	1.5	.4						7.5	13.6
SE	.1	.1	.5	.5	.2	.2						1.5	13.1
SSE	.1	.1	.2	.6	.2	.1	.1					1.3	14.4
S		.2	.4	.2	.1	.1						1.0	11.2
SSW			.2	.1	.1	.1	.1	.1				.7	19.8
SW		.2	.4	.2	.2	.2						1.2	13.0
WSW	.1	.1	.1	.1								.4	7.8
W		.2	.1	.1		.1						.5	10.4
WNW		.2	.2									.4	7.6
NW	.1	.1	.1	.1	.1							.4	10.2
NNW	.1	.1	.2	.1								.5	8.3
VARBL													
CALM												.8	
	.7	4.2	10.3	36.6	29.5	11.0	.8	.1				100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 1696

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION 21001 JOHNSTON ISLAND/PACIFIC IS 45-77 YEARS ALL  
MONTH ALL  
HOURS (L.S.T.) ALL

INSTRUMENT  
CLASS  
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,  
CONDITION  
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.4	1.0	.3	.3	.1	.1				2.5	14.5
NNE		.3	.4	1.9	1.0	.3		.1				4.0	14.0
NE	.1	.3	1.2	3.8	2.8	1.1	.3	.3				9.9	16.3
ENE		.1	2.3	9.0	7.5	3.6	1.0	.2				23.8	17.3
E		.5	3.6	10.9	8.4	3.2	.5					27.1	16.0
ESE	.1	.3	1.5	4.4	3.2	1.8	.3					11.5	16.3
SE		.3	1.1	2.6	.8	.6	.1					5.7	14.6
SSE	.2	.5	.7	1.1	.3	.4	.1	.1				3.4	13.8
S		.3	.3	1.0	.3	.2	.2	.2	.1			2.6	16.6
SSW		.2	.4	.6	.1	.1	.1					1.5	12.4
SW		.1	.2	.3	.2	.3	.1					1.2	16.2
WSW	.1		.3	.2	.3	.1						1.7	13.3
W		.3	.2	.3		.1						.9	10.0
WNW	.1	.2	.3	.4		.1		.1				1.3	12.3
NW			.3	.6	.1	.1						1.2	14.0
NNW			.3	.6	.4	.1	.1					1.6	14.9
VARBL													
CALM												.0	
	.6	3.4	13.7	38.9	25.9	12.6	2.9	1.0	.1			100.0	15.8

TOTAL NUMBER OF OBSERVATIONS 1435

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 10,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq 0$
NO CEILING															
1800															
1500					91.0										92.6
1200															
1000															
900															
800															
700															
600															
500										97.4					98.1
400															
300															
200															
100															
0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2

DATA PROCESSING CENTER  
USAF ETAC  
AIR FORCE SERVICE

# CEILING VERSUS VISIBILITY

418-2 01 OCT 8 1964 PACIFIC IS

48-72

YEARS

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	71.1	60.4	50.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 20000	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 18000	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 16000	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 14000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 12000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 10000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 9000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 8000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 7000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 6000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 5000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 136174

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE

## CEILING VERSUS VISIBILITY

21007  
STATION

JOINT IN ISLAND / PACIFIC IS

49-74

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	63.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 18000	64.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 16000	64.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 14000	64.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 12000	65.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 10000	67.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 9000	70.2	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 8000	72.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 7000	73.3	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 6000	74.0	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 5000	76.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 4500	77.3	82.3	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4000	79.6	85.0	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3500	83.1	88.7	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	84.9	90.7	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	89.0	93.4	93.7	93.8	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	90.8	96.5	96.9	97.0	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	90.4	97.4	97.9	98.1	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	90.5	97.7	98.2	98.4	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	90.6	97.8	98.3	98.5	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	90.7	97.8	98.4	98.6	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	90.7	97.9	98.4	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	90.7	97.9	98.4	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	90.7	97.9	98.4	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

10912

USAF ETAC

FORM  
101-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21003  
STATION

JUNISTON ISLAND/PACIFIC IS

49-72

YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURS 11

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	64.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	65.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 18000	65.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 16000	66.0	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 14000	66.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 12000	69.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 10000	71.0	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 9000	73.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 8000	74.8	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 7000	75.8	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 6000	76.4	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 5000	78.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	79.4	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000	81.4	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 3500	82.0	87.6	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3000	84.4	89.2	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500	86.5	91.7	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	86.9	96.6	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	91.9	98.0	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	92.4	98.5	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	92.4	98.7	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 1000	92.5	98.8	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 900	92.5	98.8	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 800	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 700	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 600	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 500	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 400	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 300	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 200	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 100	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 0	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 10111

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FORCE SERVICE/AC

# CEILING VERSUS VISIBILITY

21600  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72

YEARS

ALL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

444  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

11376

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/VAC

# CEILING VERSUS VISIBILITY

41003  
STATION NO.

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

4 PR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

4.11  
HOURS TST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	45.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	56.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	56.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	57.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	59.5	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	62.3	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	67.5	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	69.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	71.2	79.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	72.3	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	73.0	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	74.9	83.2	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	75.4	83.9	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	76.7	85.5	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	77.4	86.3	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	78.2	87.2	87.8	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	79.8	89.1	89.7	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	81.3	91.7	92.4	92.5	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	83.7	94.4	95.4	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	86.3	97.4	98.4	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	88.4	97.6	98.6	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1000	89.5	97.7	98.8	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 900	90.5	97.8	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	91.5	97.9	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	92.5	97.9	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	93.5	97.9	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.5	97.9	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	95.5	97.9	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	96.5	97.9	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.5	97.9	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.5	97.9	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.5	97.9	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1100

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AF

# CEILING VERSUS VISIBILITY

21663  
STATION

JOINT STATION 11663/PACIFIC IS  
STATION NAME

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 18000	61.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 16000	62.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 14000	65.5	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 12000	69.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 10000	73.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 9000	74.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 8000	76.7	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 7000	77.5	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 6000	78.3	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 5000	80.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4500	80.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	81.0	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3500	82.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3000	83.0	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	84.8	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	88.1	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	89.2	97.5	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	90.0	98.6	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	90.0	98.7	99.1	99.2	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 11405

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21504  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.3	67.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	66.7	74.7	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	68.9	75.0	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	69.2	75.2	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 14000	69.9	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000	71.2	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	74.2	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	75.2	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	77.3	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	78.2	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	78.6	85.7	85.7	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	79.9	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	80.0	88.2	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	81.7	89.4	89.5	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	82.3	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	83.1	90.9	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	85.2	93.1	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	88.0	96.5	96.7	96.9	97.2	97.2	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	88.9	97.6	97.8	98.1	98.4	98.4	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	89.2	98.0	98.4	98.6	98.9	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	89.2	98.1	98.4	98.7	99.0	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	89.2	98.1	98.4	98.7	99.0	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	89.2	98.1	98.4	98.7	99.0	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	89.2	98.1	98.4	98.7	99.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	89.2	98.1	98.4	98.7	99.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	89.2	98.1	98.4	98.7	99.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	89.2	98.1	98.4	98.7	99.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	89.2	98.1	98.4	98.7	99.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	89.2	98.1	98.4	98.7	99.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	89.2	98.1	98.4	98.7	99.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	89.2	98.1	98.4	98.7	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.2	98.1	98.4	98.7	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11923

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING RANGE  
USAF ETAC  
AIR EAT FOR SERVICE

## CEILING VERSUS VISIBILITY

21604  
STATIONJOHNSON ISLAND/PACIFIC IS  
STATION NAME

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	60.7	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 18000	73.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 16000	74.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 14000	74.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 12000	75.1	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 10000	77.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 9000	79.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 8000	81.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 7000	82.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 6000	83.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	84.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	85.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4000	85.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3500	86.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	86.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2500	87.3	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	89.2	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1800	92.5	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	93.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	93.0	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	93.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

12157

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORM 1

3172

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION  
STATION

QUANTICO ISLAND/PACIFIC IS

42-71

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	60.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	72.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	73.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	73.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	74.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000	76.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	79.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 9000	80.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	82.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	83.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	83.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	84.9	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4500	85.3	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	86.1	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	86.8	91.3	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	87.1	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	88.2	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	89.0	94.0	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	89.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	89.8	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	90.0	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	90.1	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	90.2	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	90.3	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	90.4	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	90.5	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	90.6	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	90.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 300	90.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200	90.9	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	91.0	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0	91.1	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 12312

DATA PROCESSING FORM  
USAF ETAC  
AIR EATER SERVICE/NO

## CEILING VERSUS VISIBILITY

216-13  
STATION

JOINT ILLUMINATING PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	72.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 18000	72.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 16000	72.7	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 14000	73.5	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 12000	76.2	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 10000	78.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 9000	80.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 8000	83.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 7000	84.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 6000	84.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 5000	85.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4500	86.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4000	87.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	87.7	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	88.0	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	89.2	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	92.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	92.9	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	93.3	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 1200	93.3	99.0	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	93.4	99.0	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	93.4	99.0	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	93.4	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	93.4	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 500	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11524

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603

JOHNSTON ISLAND/PACIFIC IS

40-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	54.1	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	71.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	72.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	72.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	73.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	76.7	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000	79.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	80.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 8000	82.0	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	83.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	84.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	85.9	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	89.4	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	90.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	92.6	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	94.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 400	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 200	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 100	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1

TOTAL NUMBER OF OBSERVATIONS 11396

USAF ETAC FORM 101-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
SAB ETA  
EAT 11 0000/1000

## CEILING VERSUS VISIBILITY

216. STATION NAME PACIFIC IS

49-71

YEARS

1800

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURS: 1.5

[illegible]

TOTAL NUMBER OF OBSERVATIONS

11059

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

FORM  
HJ 68

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

21000

JOHNSTON ISLAND/PACIFIC IS

45-71

YEARS

FC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5.16	≥ ¼	≥ 0
NO CEILING	69.0	61.6	51.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	62.5	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 18000	63.8	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 16000	63.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 14000	64.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 12000	66.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 10000	69.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 9000	72.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 8000	74.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 7000	75.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 6000	78.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 5000	78.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 4500	79.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4000	81.0	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3500	82.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3000	83.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	84.9	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2000	85.8	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	86.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	87.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1200	90.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1000	91.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	91.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

1132

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT BR SERVICE AC

# CEILING VERSUS VISIBILITY

210000 JONSTON ISLAND/PACIFIC IS

49-72

YEARS

MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (ST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 20000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 18000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 16000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 14000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 12000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 10000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 9000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 8000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 7000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 6000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 5000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 4500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 4000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 3500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 3000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 2500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 2000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1800	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1200	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 900	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 800	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 700	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 600	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 400	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 300	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 200	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 100	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0

TOTAL NUMBER OF OBSERVATIONS

1360

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

216000

STATION NAME ISLAND/PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0300  
HOURS - EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	66.4	67.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 20000	66.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	66.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	66.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000	66.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	67.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	69.2	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	71.1	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	72.2	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	73.3	77.9	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	74.0	78.8	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000	76.0	80.9	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	77.1	82.3	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	78.6	84.0	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	80.2	85.7	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	82.3	88.0	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500	84.3	90.3	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	86.1	94.6	95.0	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	88.8	95.4	95.8	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	89.4	96.5	97.1	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	89.4	96.9	97.6	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 1351

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/RC

# CEILING VERSUS VISIBILITY

21002  
STATION

JUNIOR ISLAND/PACIFIC IS  
STATION NAME

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0800  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	55.0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000	56.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	56.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	57.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	57.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	58.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	60.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 9000	62.6	66.5	66.5	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	64.6	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	65.7	70.5	70.7	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 6000	66.9	71.7	72.0	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	70.2	75.2	75.6	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	70.7	75.8	76.2	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000	74.7	80.0	80.4	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	77.9	83.4	83.8	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	80.2	85.6	86.1	86.3	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	82.8	88.3	88.8	89.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	86.1	94.1	94.6	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	9.4	95.7	96.3	96.6	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	90.5	97.3	97.9	98.2	98.4	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	90.6	97.6	98.2	98.5	98.7	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	90.7	97.7	98.4	98.6	98.9	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1364

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIP EASTERN SERVICE/HAC

# CEILING VERSUS VISIBILITY

21600

JOHNSTON ISLAND/PACIFIC IS

69-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	61.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	62.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 18000	63.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 16000	63.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 14000	63.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 12000	64.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 10000	66.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 9000	69.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 8000	71.5	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 7000	72.7	77.4	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 6000	74.0	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 5000	76.7	82.1	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 4500	78.4	83.8	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4000	81.0	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3500	82.8	88.8	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	84.0	90.0	90.2	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2500	85.5	91.6	91.9	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2000	88.8	95.5	96.0	96.0	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
IV 1800	89.6	96.6	97.1	97.1	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 1500	89.9	97.3	97.8	97.9	98.4	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9
IV 1200	90.2	97.5	98.0	98.1	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 1000	90.3	97.7	98.2	98.3	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 900	90.3	97.7	98.2	98.3	99.0	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 800	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 700	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 600	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 500	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 400	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1363

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

210-1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR ESTIMES SERVICE/IC

# CEILING VERSUS VISIBILITY

STATION

JOINT B ISL PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	62.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	64.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 18000	64.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 16000	64.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 14000	64.6	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 12000	66.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 10000	68.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8
IV 9000	71.2	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
IV 8000	72.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2
IV 7000	74.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 6000	74.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 5000	77.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4
IV 4500	79.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2
IV 4000	81.6	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
IV 3500	82.3	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
IV 3000	83.5	88.1	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6
IV 2500	85.1	89.9	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5
IV 2000	89.1	94.9	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
IV 1800	90.0	95.0	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
IV 1500	90.9	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
IV 1200	91.4	97.4	97.8	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 1000	91.4	97.7	98.0	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 900	91.4	97.8	98.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	91.4	97.9	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	91.4	97.9	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	91.4	97.9	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	91.4	97.9	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	91.4	97.9	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	91.4	97.9	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	91.4	97.9	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	91.4	97.9	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	91.4	97.9	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

1366

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

21672

JOHNSTON ISLAND/PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1-00-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.3	65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	65.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 18000	65.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 16000	65.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 14000	66.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 12000	67.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 10000	70.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	72.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 8000	74.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 7000	75.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 6000	76.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 5000	78.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 4500	79.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4000	81.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3500	82.0	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3000	83.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	91.4	91.5	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2000	92.2	95.5	95.6	95.6	95.6	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800	95.8	96.4	96.8	96.9	97.1	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	96.3	97.4	97.9	98.0	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	96.3	97.5	98.1	98.3	98.5	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	96.3	97.5	98.2	98.5	98.7	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	96.6	97.7	98.5	98.7	98.9	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1366

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING KANCH  
USAF ETAC  
AIR EAT E FIVE/AC

## CEILING VERSUS VISIBILITY

21003  
STATION

JOURNAL IN ISL/PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)1800-2000  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING	61.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	62.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 18000	62.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 16000	62.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 14000	63.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 12000	64.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 10000	66.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 9000	68.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000	70.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 7000	72.8	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 6000	73.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 5000	75.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 4500	76.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 4000	78.6	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3500	79.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3000	82.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 2500	83.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 2000	88.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1800	89.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	90.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 300	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 200	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 0	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

1366

USAF ETAC

FORM

JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

## CEILING VERSUS VISIBILITY

2100

JOHNSTON ISLAND/PACIFIC IS

49-72

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING ≥ 20000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV ≥ 18000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV ≥ 16000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV ≥ 14000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV ≥ 12000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV ≥ 10000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV ≥ 9000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV ≥ 8000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV ≥ 7000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV ≥ 6000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV ≥ 5000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV ≥ 4500	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV ≥ 4000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV ≥ 3500	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV ≥ 3000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV ≥ 2500	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV ≥ 2000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV ≥ 1800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV ≥ 1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV ≥ 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV ≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV ≥ 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV ≥ 800	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV ≥ 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV ≥ 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1366

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

FEH  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 5/16	≥ 0
NO CEILING	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 16000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 7000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1264

1  
2  
K

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT ECE VICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS

45-72

YEARS

11A  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2400-0300  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	65.7	67.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 20000	66.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 18000	66.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 16000	66.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 14000	66.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000	68.5	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	70.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 9000	72.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 8000	74.4	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 7000	75.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 6000	76.0	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 5000	77.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4500	78.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 4000	80.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3500	81.9	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 3000	83.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2500	85.0	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2000	90.3	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	91.2	97.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	91.5	98.3	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	91.5	98.6	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 350	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	91.5	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1264

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21000

JORDAN ISLAND/PACIFIC IS

49-72

YEARS

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

600-0800

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	55.0	58.5	58.5	50.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥20000	57.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 18000	57.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 16000	57.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 14000	58.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 12000	60.8	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 10000	63.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 9000	65.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 8000	67.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 7000	68.8	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 6000	69.7	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 5000	72.2	76.8	76.8	76.8	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4500	73.7	78.3	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 4000	76.9	81.9	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 3500	79.0	84.2	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	81.2	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2500	84.7	89.9	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2000	89.9	95.9	96.1	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	91.5	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	92.2	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	92.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	92.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	92.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1264

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21003  
STATION

JOINTIN ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

5500-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	60.1	63.4	63.5	63.5	63.5	63.5	63.5	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 20000	62.2	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 18000	62.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 16000	62.7	66.2	66.3	66.3	66.4	66.3	66.3	66.4	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 14000	63.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 12000	66.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 10000	73.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 9000	71.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 8000	73.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 7000	74.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 6000	75.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 5000	77.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4500	79.0	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000	82.3	87.0	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3500	83.1	87.9	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3000	84.9	89.7	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2500	87.5	92.4	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2000	91.5	96.9	97.3	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	92.3	98.0	98.4	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	92.5	98.3	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	92.6	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	92.6	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1262

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAO

## CEILING VERSUS VISIBILITY

2102

JOHNSTON ISLAND/PACIFIC IS

49-72

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

HOURS IL SY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	61.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	64.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	64.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 16000	64.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	66.2	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	69.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	71.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	74.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 8000	75.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	76.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	77.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	79.4	84.2	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	81.0	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	82.8	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	84.1	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	85.0	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	87.7	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	88.2	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	88.2	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 400	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	88.2	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1205

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING BRANCH  
USAF ETAC  
AIR BEATER SERVICE/ 10

# CEILING VERSUS VISIBILITY

STATION

JOINT M. ISLAND / PACIFIC IS.

40-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

100-1700  
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	64.4	65.1	68.1	68.1	68.1	64.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	67.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 18000	67.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 16000	67.1	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 14000	66.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 12000	70.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 10000	72.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	73.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 8000	75.0	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 7000	76.7	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 6000	77.1	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 5000	79.6	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4500	80.8	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 4000	82.4	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 3500	83.2	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3000	84.9	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	87.5	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	92.2	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2
IV 1800	92.6	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
IV 1500	93.2	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 1200	93.2	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 1000	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 900	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 800	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 700	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 600	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 500	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 400	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	93.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

1264

USAF ETAC

FORM 10-64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING RANCH  
USAF ETAC  
AIR FEAT 2 SE-VIC/140

## CEILING VERSUS VISIBILITY

21042

JL MISTIA ISLAND/PACIFIC IS

49-72

YEARS

FIM

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1.20-2000

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 18000	68.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 16000	68.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 14000	68.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 12000	71.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 10000	72.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 9000	74.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 8000	75.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 7000	76.6	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 6000	77.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 5000	76.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	79.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 4000	79.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 3500	81.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3000	82.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	84.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2000	89.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800	91.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	91.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	92.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 100	92.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 1204

145 OL 1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
CIVIL AERONAUTICS SERVICE

# CEILING VERSUS VISIBILITY

STATION  
2100-2300

JOINTLY ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥20000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 18000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 16000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 14000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 12000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 10000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 9000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 8000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 7000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 6000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 5000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4500	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 3500	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 3000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 2500	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 2000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 1800	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 1500	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 1200	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 1000	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 900	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 800	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 700	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 600	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 500	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 400	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 300	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 200	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 100	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 0	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6

TOTAL NUMBER OF OBSERVATIONS

1264

USAF ETAC FORM 10-14 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING RANGE  
USAF ETAC  
AIR EATER SERVICE/AC

## CEILING VERSUS VISIBILITY

21000  
STATION

JOHNSTON ISLAND/PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	61.6	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 18000	63.5	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	64.2	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 14000	64.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 12000	65.0	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 10000	68.5	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 9000	70.9	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 8000	71.5	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 7000	72.9	77.9	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 6000	73.8	78.8	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 5000	75.7	80.7	80.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 4500	77.5	82.6	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4000	79.2	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 3500	80.9	86.4	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3000	82.1	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 2500	83.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2000	84.9	91.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	86.6	93.4	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	88.0	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1200	89.8	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	90.9	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	90.9	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	90.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	90.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	90.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	90.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	90.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	90.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	90.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	90.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	90.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1421

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603

JUNNETON ISLAND/PACIFIC IS

49-72

YEARS

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	64.5	64.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	64.4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	64.4	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000	64.4	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	65.1	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	66.5	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	69.1	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	70.9	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	72.2	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	73.1	77.7	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	73.8	78.5	78.9	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 5000	75.2	80.3	80.9	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	76.7	81.6	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	78.8	84.1	84.8	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	79.8	85.4	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	81.0	86.7	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	83.3	89.0	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	87.8	94.4	95.8	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	90.2	96.0	97.4	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	90.6	96.9	98.5	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	90.9	97.3	98.8	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	90.9	97.3	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	90.9	97.3	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	90.9	97.3	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	90.9	97.3	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1422

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING FRAMES  
USAF ETA  
AIR EAT ED SERVICE/AC

## CEILING VERSUS VISIBILITY

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)0000-0900  
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	51.4	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 18000	56.4	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 16000	56.6	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 14000	56.7	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 12000	57.4	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 10000	59.7	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 9000	63.0	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 8000	65.6	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 7000	66.0	71.6	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 6000	69.6	73.4	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 5000	70.4	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 4500	73.2	77.1	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 4000	75.0	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 3500	77.9	82.2	82.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 3000	80.1	84.6	84.6	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2500	81.8	86.5	86.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 2000	84.0	89.0	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1800	88.0	93.2	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	89.7	95.2	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1200	90.9	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	91.1	97.0	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	91.1	97.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	91.1	97.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	91.2	97.3	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	91.2	97.3	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	91.2	97.3	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	91.2	97.3	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	91.2	97.3	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 200	91.2	97.3	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100	91.2	97.3	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 0	91.2	97.3	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

1423

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

## CEILING VERSUS VISIBILITY

21004

JOHNSON ISLAND/PACIFIC IS

49-72

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0	
NO CEILING	50.6	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	61.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 18000	62.0	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 16000	62.4	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 14000	63.6	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 12000	65.3	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 10000	69.0	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 9000	72.2	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 8000	74.6	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 7000	75.7	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 6000	76.6	80.7	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 5000	78.9	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 4500	79.8	84.2	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 4000	81.9	86.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3500	85.5	88.3	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3000	86.4	89.3	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2500	86.4	91.4	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2000	90.1	95.4	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	90.9	96.4	97.3	97.5	97.6	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	91.5	97.3	98.2	98.6	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 1200	91.5	97.3	98.4	98.8	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
IV 1000	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 900	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 800	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 700	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 600	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 500	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 400	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 300	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 200	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 100	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 0	91.5	97.3	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1423

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING: FRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

## CEILING VERSUS VISIBILITY

21603  
STATION

JULIEN ISLAND/PACIFIC IS

STATION NAME

49-72

YEARS

AK  
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)1200-1400  
HOURS (LST)

CEILING - FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	67.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	64.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	64.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	65.9	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	68.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	71.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	73.9	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	75.9	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	76.7	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	77.7	82.7	83.1	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	79.4	84.7	85.1	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	79.9	85.3	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	80.5	86.1	86.6	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	81.5	87.1	87.6	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	82.3	87.9	88.4	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	84.0	90.2	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	89.3	95.2	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	90.2	96.4	97.3	97.4	97.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	91.1	97.4	98.5	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	91.2	97.5	98.5	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	91.3	97.7	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1424

USAF ETAC FORM 0-14-5 (OL I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAO

## CEILING VERSUS VISIBILITY

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME49-72  
YEARS-AR  
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)1-00-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 18000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 16000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 14000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 12000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 10000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 9000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 8000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 7000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 6000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 5000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4500	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 3500	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1422

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

216000  
STATION

JOHNSON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

1-00-2000  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	59.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	55.4	68.7	58.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 18000	65.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 16000	66.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 14000	66.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 12000	68.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 10000	70.0	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 9000	71.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 8000	73.3	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 7000	73.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 6000	74.5	78.7	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 5000	75.9	80.5	80.6	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 4500	76.8	81.6	81.8	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 4000	78.3	83.5	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	80.1	85.3	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3000	81.0	86.3	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 2500	83.2	88.5	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2000	88.2	94.1	94.8	94.9	95.0	95.0	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	89.9	95.8	96.6	96.9	96.8	96.8	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	90.6	97.1	98.0	98.2	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	91.0	97.6	98.0	98.7	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1421

USAF ETAC FORM 0-14-5 (OLT) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21003

JUNSTON ISLAND/PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	68.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	69.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	69.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000	69.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	71.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	73.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 9000	75.4	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 8000	76.5	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 7000	77.7	82.0	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 6000	78.3	82.8	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 5000	79.4	84.0	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 4500	80.1	85.0	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4000	81.3	86.7	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3500	83.0	88.5	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	83.8	89.4	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2500	85.8	91.5	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	89.2	95.5	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	90.3	97.2	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	90.6	97.8	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	90.6	97.9	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	90.7	98.0	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1420

USAF ETAC FORM 7-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

## CEILING VERSUS VISIBILITY

STATION

JOHNSTON ISLAND/PACIFIC IS

STATION NAME

49-72

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.0	59.3	58.3	56.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	66.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 18000	66.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 16000	66.7	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 14000	68.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 12000	61.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 10000	65.8	74.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 9000	66.9	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 8000	69.2	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 7000	70.0	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 6000	70.5	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 5000	72.2	84.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
IV 4500	72.6	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
IV 4000	73.7	85.8	86.5	86.6	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3500	74.5	86.8	87.6	87.6	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3000	75.6	88.0	88.7	88.8	88.9	88.9	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	76.9	89.8	90.5	90.6	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2000	80.9	95.6	96.4	96.6	96.7	96.7	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	91.7	96.7	97.5	97.6	97.8	97.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	92.0	97.5	98.3	98.5	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	92.1	97.6	98.4	98.5	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	92.2	97.7	98.6	98.8	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	92.2	97.7	98.6	98.8	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1375

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

41004  
STATION

JOHNSON ISLAND/PACIFIC IS  
STATION NAME

90-72

YEARS

PER  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 18000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 16000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 14000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 12000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 10000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 9000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 8000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 7000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 6000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 5000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 4500	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 4000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 3500	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 3000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 2500	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 2000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 1800	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 1500	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 1200	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 1000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 900	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 800	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 700	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 600	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 500	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 400	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 300	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 200	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 100	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2

TOTAL NUMBER OF OBSERVATIONS 1376

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/DAG

# CEILING VERSUS VISIBILITY

21003  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

0600-0800  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.2	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 18000	52.4	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 16000	52.4	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 14000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 12000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 10000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 9000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 8000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 7000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 6000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 5000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 4500	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 4000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 3500	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 3000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 2500	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 2000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 1800	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 1500	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 1200	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 1000	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 900	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 800	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 700	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 600	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 500	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 400	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 300	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 200	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 100	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 0	54.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

TOTAL NUMBER OF OBSERVATIONS

1377

USAF ETAC

FORM 101-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR ENTER SERVICE/AC

# CEILING VERSUS VISIBILITY

PLACES  
STATION

JOHNSON ISLAND PACIFIC IS

STATION NAME

69-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	64.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 20000	64.4	64.7	64.3	64.3	64.8	64.3	64.8	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 18000	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 16000	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 14000	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 12000	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 10000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 9000	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 8000	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 7000	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 6000	84.7	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 5000	87.1	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	87.6	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	88.7	88.7	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3500	89.0	89.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3000	89.9	89.9	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	91.4	91.4	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	96.3	96.3	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	97.5	97.5	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	98.1	98.1	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	99.1	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.4	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.4	99.4	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

1376

USAF ETAC

FORM  
JUL 64

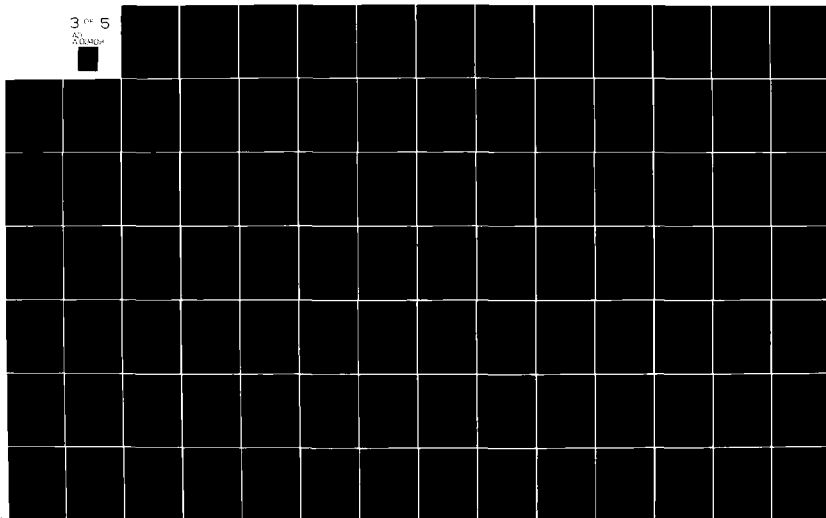
0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A102 409 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 2  
JOHNSTON ISLAND, PACIFIC ISLAND. REVISED UNIFORM SUMMARY OF SIM--ETC(1)  
JUN 73  
UNCLASSIFIED USAFETAC/DS-81/071 S01E-AD-E850 0A1 ML

3 of 5

AD-A102 409



2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

21802  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72

YEARS

PR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.8	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	57.4	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 18000	58.0	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 16000	58.4	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 14000	60.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 12000	63.0	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 10000	68.4	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 9000	70.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 8000	71.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 7000	73.1	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 6000	74.1	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 5000	76.0	83.2	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4500	77.1	83.7	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4000	78.6	85.4	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3500	79.2	86.0	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3000	80.0	86.8	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2500	81.8	88.8	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2000	87.7	93.1	96.0	96.3	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	89.0	96.7	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	89.4	97.4	98.5	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	89.4	97.4	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	89.4	97.4	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	89.4	97.4	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	89.4	97.4	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	89.4	97.4	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1377

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/CG

# CEILING VERSUS VISIBILITY

412 22  
STATION

JOINT P. ISLAND/PACIFIC IS

49-72

YEARS

1500-1700  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.8	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 20000	55.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 18000	56.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 16000	57.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 14000	59.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 12000	63.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 10000	68.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000	70.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 8000	73.1	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 7000	74.1	78.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 6000	74.4	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 5000	76.5	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4500	77.4	83.7	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4000	79.0	85.5	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 3500	79.8	86.3	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3000	80.5	87.0	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 2500	82.4	89.1	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2000	87.1	94.9	95.8	96.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	98.2	98.2	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	99.0	97.5	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	99.0	97.6	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1377

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

21603  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME49-72  
YEARSR.D.  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1600-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅔	≥0
NO CEILING	43.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	55.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	56.7	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	57.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	59.7	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	63.1	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	68.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	68.9	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	71.1	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	72.2	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	73.2	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	74.6	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	75.4	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	76.6	84.0	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	77.7	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	78.4	86.2	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	80.4	88.7	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	84.7	94.4	95.1	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	86.3	96.4	97.4	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	87.1	97.5	98.5	98.5	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	87.1	97.5	98.6	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1375

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR ENTER SERVICE/AC

## CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

20K  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.3	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	27.8	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 18000	58.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 16000	59.1	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 14000	61.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000	64.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 10000	68.2	78.0	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 9000	69.1	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 8000	71.2	81.2	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 7000	72.7	83.1	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 6000	73.2	83.9	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 5000	73.7	84.4	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 4500	74.2	85.2	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4000	75.3	86.6	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 3500	76.0	87.7	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	76.6	88.5	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	78.2	90.3	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000	81.6	95.3	96.1	96.1	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	82.6	96.9	97.7	97.7	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1600	82.9	97.5	98.4	98.5	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	83.1	97.7	98.7	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	83.3	97.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	83.3	97.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	83.3	97.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	83.3	97.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1374

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

## CEILING VERSUS VISIBILITY

210003  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72

YEARS

DAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	52.7	58.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	56.0	58.0
IV 18000	60.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 16000	61.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 14000	64.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 12000	68.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 10000	72.4	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 9000	73.6	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 8000	75.0	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 7000	75.5	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 6000	76.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 5000	77.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500	78.3	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 4000	79.2	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	80.5	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3000	81.1	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	83.0	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	86.4	96.3	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	87.3	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
IV 1500	87.9	98.2	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
IV 1200	88.1	98.3	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	88.1	98.3	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 900	88.1	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 800	88.1	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 700	88.1	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 600	88.1	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 500	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
IV 400	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
IV 300	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
IV 200	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
IV 100	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
IV 0	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1426

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21603

JOHNSTON ISLAND/PACIFIC IS.

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	51.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	60.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 18000	60.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 16000	61.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 14000	64.5	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 12000	67.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 10000	71.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 9000	72.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 8000	74.4	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 7000	74.7	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 6000	75.5	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 5000	77.1	84.9	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4500	78.0	86.2	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4000	78.9	87.2	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3500	79.9	88.6	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	80.5	89.4	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	82.5	91.5	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2000	85.8	95.4	95.9	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	86.7	96.8	97.3	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	87.4	97.7	98.4	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	87.4	97.8	98.5	98.7	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	87.4	97.8	98.7	99.0	99.3	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	87.4	97.8	98.7	99.0	99.3	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	87.4	97.8	98.7	99.0	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	87.4	97.8	98.7	99.0	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	87.4	97.8	98.7	99.0	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	87.4	97.8	98.7	99.0	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	87.4	97.8	98.7	99.0	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	87.4	97.8	98.7	99.0	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	87.4	97.8	98.7	99.0	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	87.4	97.8	98.7	99.0	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	87.4	97.8	98.7	99.0	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1425

USAF ETAC FORM 11/1/64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/INC

## CEILING VERSUS VISIBILITY

21600  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

0600-0800  
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	41.4 57.6	45.0 62.5	43.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5	45.0 62.5
IV 18000 IV 16000	57.9 58.0	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6	62.8 63.6
IV 14000 IV 12000	61.6 64.8	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1	66.6 70.1
IV 10000 IV 9000	69.4 71.0	75.2 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1
IV 8000 IV 7000	73.4 74.9	79.5 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1	79.6 81.1
IV 6000 IV 5000	76.0 78.5	82.2 85.1	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3	82.3 85.3
IV 4500 IV 4000	79.7 80.0	86.3 87.7	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9	86.5 87.9
IV 3500 IV 3000	81.2 82.4	88.1 89.3	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6
IV 2500 IV 2000	84.7 88.3	91.7 95.5	91.9 95.8	91.9 95.8	91.9 95.9	91.9 95.9	91.9 95.9	91.9 95.9	91.9 95.9	91.9 95.9	91.9 95.9	91.9 95.9	91.9 95.9	91.9 95.9	91.9 95.9	91.9 95.9
IV 1800 IV 1500	89.8 91.0	97.3 98.9	97.6 99.2	97.6 99.2	97.7 99.4	97.7 99.4	97.7 99.4	97.7 99.4	97.7 99.4	97.7 99.4	97.7 99.4	97.7 99.4	97.7 99.4	97.7 99.4	97.7 99.4	97.7 99.4
IV 1200 IV 1000	91.0 91.0	98.9 98.9	99.3 99.3	99.3 99.3	99.5 99.6	99.5 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
IV 900 IV 800	91.0 91.0	98.9 98.9	99.3 99.4	99.3 99.4	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
IV 700 IV 600	91.0 91.0	98.9 98.9	99.4 99.4	99.4 99.4	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
IV 500 IV 400	91.0 91.0	98.9 98.9	99.4 99.4	99.4 99.4	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
IV 300 IV 200	91.0 91.0	98.9 98.9	99.4 99.4	99.4 99.4	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
IV 100 IV 0	91.0 91.0	98.9 98.9	99.4 99.4	99.4 99.4	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6

TOTAL NUMBER OF OBSERVATIONS 1426

USAF ETAC FORM 0-14-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

0900-1100  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	46.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 18000	54.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 16000	55.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 14000	69.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 12000	69.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 10000	72.9	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 9000	76.6	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 8000	78.2	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 7000	80.3	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 6000	81.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 5000	82.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4500	83.8	90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4000	84.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	85.0	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	85.0	91.7	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2500	85.4	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	86.4	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1800	89.2	96.5	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1600	90.4	97.8	98.0	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	90.9	98.5	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	90.9	98.7	98.9	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	91.0	98.9	99.2	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1423

USAF ETAC FORM 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR MATER SERVICE/AC

## CEILING VERSUS VISIBILITY

216.03  
STATION

JUL 1951 N ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

1200-1400  
HOURS (LST)

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	66.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	68.7	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 18000	63.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 16000	64.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 14000	68.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 12000	72.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 10000	76.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 9000	78.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	79.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 7000	80.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 6000	80.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 5000	82.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4500	83.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4000	83.7	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3500	84.2	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3000	84.5	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500	86.3	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	90.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	90.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	91.4	98.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	91.4	98.7	99.3	99.3	99.3	99.3	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	91.4	98.7	99.3	99.3	99.3	99.3	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	91.4	98.7	99.3	99.3	99.3	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	91.4	98.8	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	91.4	98.8	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	91.4	98.8	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	91.4	98.8	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	91.4	98.8	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	91.4	98.8	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1426

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603

JUNSTON ISLAND/PACIFIC IS

49-72

YEARS

DAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.5	43.6	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	59.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 18000	60.4	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 16000	61.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 14000	64.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 12000	68.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 10000	73.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	75.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 8000	77.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 7000	78.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 6000	78.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 5000	81.0	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 4500	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4000	82.7	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	90.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2000	90.1	93.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	90.1	97.3	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	91.0	98.4	98.6	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	91.0	98.5	99.0	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 1000	91.0	98.6	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
IV 900	91.0	98.6	99.0	99.1	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
IV 800	91.0	98.6	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 700	91.0	98.6	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 600	91.0	98.6	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 500	91.0	98.6	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 400	91.0	98.6	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 300	91.0	98.6	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	91.0	98.6	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	91.0	98.6	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	91.0	98.6	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1460

USAF ETAC FORM 10-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING STATION  
USAF ETAC  
AIR EATER SERVICE/AC

## CEILING VERSUS VISIBILITY

21604  
STATION

JOHNSTON ISLAND/PACIFIC IS

49-74

YEARS

24  
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)1900-2000  
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	43.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	59.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 18000	59.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 16000	61.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 14000	64.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 12000	68.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 10000	72.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 9000	73.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 8000	75.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 7000	76.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 6000	77.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 5000	79.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500	80.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4000	81.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	81.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	82.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2500	84.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2000	86.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1900	88.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	90.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	90.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	90.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	90.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	90.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	90.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	90.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	90.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	90.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	90.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	90.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	90.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	90.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

1426

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/NAAC

## CEILING VERSUS VISIBILITY

21600  
STATION

UNIT OF 15.4 1/2 PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5-16	≥1/4	≥0
NO CEILING ≥ 20000	52.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000	62.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 16000	62.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 14000	67.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 12000	70.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 10000	74.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 9000	75.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 8000	77.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 7000	78.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 6000	79.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 5000	80.1	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4500	84.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1426

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

21001

JANUARY ISLAND/PACIFIC IS

49-72

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0006-9200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 18000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 16000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 14000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 12000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 10000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 9000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 8000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 7000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 6000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 5000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4500	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 4000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 100	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

1382

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING LUNAS

13747

2

DATA PROCESSING CENTER  
USAF ETAC  
AIR EATER SERVICE AC

# CEILING VERSUS VISIBILITY

STATION 21813 JENNIFER ISLAND/PACIFIC IS STATION NAME 49-72 YEARS MONTH 0100-0300 HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	66.3	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 20000	65.5	72.9	73.0	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 18000	65.8	73.3	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 16000	65.9	73.4	73.5	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 14000	67.0	74.8	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 12000	67.7	75.6	75.9	76.0	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 10000	71.2	79.3	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 9000	71.5	79.7	79.9	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 8000	73.5	81.8	82.0	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 7000	74.4	82.7	82.9	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 6000	74.7	83.1	83.2	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 5000	77.1	85.8	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4500	77.8	86.7	86.9	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4000	79.5	88.4	88.6	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3500	79.8	88.8	89.0	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	80.4	89.4	89.6	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	92.9	92.0	92.4	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	96.2	95.9	96.3	96.7	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	97.2	97.4	97.8	98.1	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	97.5	97.8	98.2	98.6	98.8	98.8	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	97.5	97.9	98.3	98.6	98.9	98.9	99.2	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1342

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

# CEILING VERSUS VISIBILITY

STATION  
21600

STATION NAME  
JOHNSTON ISLAND/PACIFIC IS

YEARS  
49-72

MONTH  
JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0700  
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	47.5	53.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	63.4	64.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 18000	63.8	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 16000	64.3	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 14000	64.8	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 12000	66.9	72.1	72.1	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	70.5	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 9000	71.5	77.2	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 8000	73.4	79.1	79.1	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 7000	75.1	80.9	80.9	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 6000	76.0	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 5000	78.1	85.1	85.2	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 4500	79.6	86.6	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 4000	80.8	88.0	88.1	88.1	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	81.7	88.9	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 3000	82.9	90.2	90.4	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	84.7	92.0	92.2	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	88.1	96.1	96.2	96.2	96.3	96.3	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	88.9	97.4	97.5	97.5	97.6	97.6	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	89.9	98.3	98.5	98.5	98.7	98.8	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1342

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/PAC

## CEILING VERSUS VISIBILITY

41603  
STATION

JUPITER IN ISLAND/PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)0200-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	54.5	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	68.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 18000	68.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	69.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	69.3	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	71.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 10000	74.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	76.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	79.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	80.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	80.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	81.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	82.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	83.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	84.5	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	85.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	86.9	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	89.4	97.0	97.0	97.0	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	90.4	98.3	98.5	98.5	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1340

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

21603

JOHNSTON ISLAND/PACIFIC IS

49-72

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	55.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	71.6	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV ≥ 18000	71.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV ≥ 16000	72.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV ≥ 14000	73.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV ≥ 12000	73.9	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV ≥ 10000	76.2	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV ≥ 9000	77.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV ≥ 8000	78.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV ≥ 7000	79.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV ≥ 6000	80.1	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV ≥ 5000	81.0	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV ≥ 4500	81.5	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV ≥ 4000	82.8	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV ≥ 3500	83.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV ≥ 3000	84.0	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV ≥ 2500	85.2	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV ≥ 2000	89.6	96.9	97.2	97.2	97.3	97.3	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV ≥ 1800	90.4	97.7	98.0	98.1	98.3	98.4	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV ≥ 1500	90.7	98.0	98.3	98.5	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 1200	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 1000	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 900	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 800	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 700	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 600	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 500	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 400	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 300	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 200	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 100	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 0	90.7	98.0	98.4	98.6	98.8	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1361

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIP EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNS ISLAND PACIFIC IS  
STATION NAME

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	74.7	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥20000	69.8	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 18000	70.0	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 16000	70.3	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 14000	70.7	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 12000	72.1	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 10000	74.8	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 9000	75.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 8000	78.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 7000	79.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 6000	79.6	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 5000	81.0	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4500	81.3	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 4000	82.4	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500	83.1	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3000	83.6	90.7	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2500	86.2	93.3	93.3	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2000	89.3	97.2	97.3	97.5	97.7	97.7	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	90.0	98.0	98.2	98.4	98.6	98.6	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	90.2	98.3	98.4	98.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1387

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

21003  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME49-72  
YEARSJUL  
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)1000-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	59.9	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	69.0	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	69.8	75.3	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 14000	70.4	76.0	76.0	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	72.2	78.0	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	74.8	80.7	80.7	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	75.0	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	77.7	84.1	84.1	84.3	84.3	84.3	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	78.4	84.8	84.8	85.0	85.0	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000	79.0	85.5	85.5	85.8	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	79.9	86.8	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	80.4	87.5	87.5	87.7	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	81.1	88.3	88.4	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	81.0	88.8	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	82.2	89.6	89.7	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	85.0	92.3	92.4	92.6	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	88.1	95.8	96.0	96.4	96.7	96.7	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	89.3	97.1	97.3	97.9	98.2	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	89.7	97.7	97.9	98.5	98.8	98.8	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	89.7	97.7	97.9	98.5	98.8	98.8	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	89.7	97.8	98.0	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1341

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT EN SERVICE/AC

# CEILING VERSUS VISIBILITY

21003  
STATION

STATION NAME  
JUNCTION ISL 607 PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	75.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 20000	73.0	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 18000	73.0	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 16000	73.2	80.1	80.1	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 14000	74.1	81.1	81.1	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 12000	75.1	82.2	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 10000	77.8	85.1	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 9000	79.0	86.4	86.5	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 8000	81.0	88.6	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 7000	81.2	89.2	89.3	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 6000	81.8	89.4	89.5	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 5000	82.4	90.2	90.2	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	83.3	91.1	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4000	83.7	91.5	91.7	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	84.3	92.3	92.4	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3000	84.8	92.8	93.0	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	86.2	94.4	94.6	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	87.8	96.5	96.7	96.9	97.2	97.2	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	88.6	97.5	97.8	98.3	98.6	98.6	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	88.6	97.7	98.3	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1381

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/40

# CEILING VERSUS VISIBILITY

21000  
STATION

WINSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	70.7	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	76.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	76.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 16000	76.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 14000	78.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	80.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	82.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	83.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	84.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	85.3	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	85.5	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	86.0	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	86.4	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	86.7	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	87.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	87.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	89.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	92.8	98.2	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	93.2	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	93.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	93.4	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1540

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSON ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0200-0500  
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	46.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 20000	75.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 18000	75.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 16000	75.3	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 14000	75.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 12000	76.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 10000	78.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 9000	79.7	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 8000	80.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	81.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 6000	81.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 5000	82.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	83.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 4000	85.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3500	86.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3000	87.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 2500	87.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	87.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1800	92.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	92.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1524

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21600  
STATIONJONATHAN ISLAND/PACIFIC IS  
STATION NAME48-71  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0400-0800  
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	54.1	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	59.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 18000	69.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 16000	70.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 14000	71.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 12000	72.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 10000	75.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 9000	77.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 8000	79.9	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 7000	82.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 6000	82.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 5000	83.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	83.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 4000	84.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	85.5	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3000	85.9	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	87.8	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2000	91.0	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	92.5	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	93.2	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1521

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEAT & SERVICE/AC

# CEILING VERSUS VISIBILITY

21604

JUNISTON ISLAND/PACIFIC IS

49-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	57.4	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000	73.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 18000	73.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 16000	73.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 14000	74.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 12000	76.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 10000	79.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 9000	80.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 8000	83.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 7000	84.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 6000	84.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 5000	86.2	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	86.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4000	87.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3500	87.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3000	88.5	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2500	90.1	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	92.6	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	93.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	93.6	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1510

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2  
HDATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT EE SERVICE/AC

## CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS

STATION NAME

68-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)1200-1400  
HOURS - 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	55.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	71.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	71.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	72.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 14000	73.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 12000	75.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 10000	79.2	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 9000	80.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 8000	82.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 7000	83.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 6000	84.1	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	84.8	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	85.3	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4000	85.8	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3500	86.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	87.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	89.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000	89.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1200	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1000	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 900	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 800	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 700	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 600	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 500	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 400	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 300	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 200	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 100	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 0	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4

TOTAL NUMBER OF OBSERVATIONS

1520

USAF ETAC

FORM  
JUL 64

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

11001  
STATION

10000 ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 18000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 16000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 14000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 12000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 10000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 9000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 8000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 6000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 5000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2500	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1318

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
412 EATON SERVICE/ MC

# CEILING VERSUS VISIBILITY

21603  
STATION

JULIEST N ISLAND/PACIFIC IS

STATION NAME

45-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1600-2000  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	56.3	57.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 20000	72.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 18000	72.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 16000	72.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 14000	73.8	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 12000	76.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 10000	79.6	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 9000	80.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 8000	81.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 7000	82.6	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 6000	83.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 5000	84.5	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500	84.9	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4000	85.6	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3500	86.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	86.4	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2500	89.5	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	92.6	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	93.5	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	94.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1521

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ AC

## CEILING VERSUS VISIBILITY

21603

JONESTON ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥20000	77.5	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥18000	77.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥16000	77.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥14000	78.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥12000	80.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥10000	82.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥9000	83.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥8000	84.3	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥7000	85.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥6000	85.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥5000	86.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥4500	87.1	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥4000	87.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥3500	87.6	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥3000	87.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥2500	89.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥2000	92.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1800	93.1	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1500	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1200	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1000	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥900	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥800	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥700	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥600	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥500	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥100	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1915

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

21693  
STATION

JUNISTON ISLAND/PACIFIC IS

STATION NAME

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ 5/16	≥ .1	≥ 0
NO CEILING	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	74.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	74.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 16000	74.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	75.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 12000	77.2	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 10000	79.1	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	79.8	84.3	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 8000	81.0	86.3	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	82.8	87.5	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	83.0	88.0	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	83.9	88.9	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	84.2	89.2	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	84.8	89.8	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	85.2	90.3	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	85.7	90.8	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	86.7	91.9	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	86.7	92.1	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	87.5	92.5	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	88.3	93.3	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	88.9	93.9	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	89.4	94.4	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	89.8	94.8	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	90.1	95.1	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	90.4	95.4	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	90.7	95.7	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	91.0	96.0	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	91.3	96.3	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	91.6	96.6	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 200	91.9	96.9	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	92.1	97.1	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0	92.1	97.1	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 1526

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING PROGRAM  
USAF ETAC  
AIR FATER SERVICE/INC

# CEILING VERSUS VISIBILITY

216013  
STATION

JOHNSTON ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500  
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	½	≥5/16	¼	≥0
NO CEILING	64.2	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 20000	72.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 18000	73.0	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 16000	73.0	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 14000	73.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 12000	75.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 10000	77.5	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 9000	78.2	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 8000	80.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	81.8	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 6000	82.3	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 5000	83.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	83.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4000	84.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3500	85.4	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	85.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	86.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2000	89.8	96.6	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	92.2	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	92.3	98.8	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	92.8	99.5	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	92.5	99.0	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	92.5	99.0	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	92.5	99.0	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	92.5	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	92.5	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 500	92.5	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 400	92.5	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	92.5	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	92.5	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 100	92.5	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 0	92.5	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1517

USAF ETAC

FORM 101-64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603

JOHNSTON ISLAND/PACIFIC IS

48-71

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS IT IS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	53.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	69.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 18000	69.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 16000	69.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 14000	70.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 12000	73.1	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 10000	75.9	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 9000	77.0	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 8000	79.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 7000	80.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 6000	81.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 5000	82.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500	83.4	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4000	84.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	85.2	89.9	89.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3000	85.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	87.5	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	90.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	91.9	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	92.8	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	92.9	98.4	98.8	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	92.9	98.4	99.0	99.2	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	92.9	98.4	99.0	99.2	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	92.9	98.4	99.0	99.2	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	92.9	98.4	99.1	99.3	99.3	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	92.9	98.4	99.1	99.3	99.3	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	92.9	98.4	99.1	99.3	99.3	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	92.9	98.4	99.1	99.3	99.3	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	92.9	98.4	99.1	99.3	99.3	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	92.9	98.4	99.1	99.3	99.3	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	92.9	98.4	99.1	99.3	99.3	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	92.9	98.4	99.1	99.3	99.3	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1512

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING MANUAL  
USAF ETAC  
AIR EATER E-VICE/AC

# CEILING VERSUS VISIBILITY

21600 STATION JONSTON ISLAND/PACIFIC IS STATION NAME 44-71 YEARS MONTH 06-1100 HOURS EST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	55.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 18000	72.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 16000	73.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 14000	75.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 12000	77.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 10000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 9000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 8000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 7000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 6000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 5000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4500	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 4000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2500	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1537

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/MAC

## CEILING VERSUS VISIBILITY

21003

JUNSTON ISLAND/PACIFIC IS

42-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅒	≥ 0
NO CEILING	56.1	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	73.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	74.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	74.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	75.4	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	76.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 10000	81.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 9000	81.4	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 8000	83.3	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 7000	84.3	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 6000	85.1	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 5000	86.4	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4500	86.4	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 4000	87.2	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	87.9	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3000	88.2	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2500	89.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	92.6	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	92.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	93.3	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

1541

USAF ETAC

FORM 7-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PHASE  
USAF ETAC  
AIR FATER SERVICE/100

## CEILING VERSUS VISIBILITY

STATION  
STATION

JOHNSTON ISLAND/PACIFIC IS

STATION NAME

63-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.2	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	71.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 18000	72.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 16000	72.8	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 14000	74.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 12000	76.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 10000	80.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 9000	81.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 8000	83.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 7000	83.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 6000	84.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 5000	85.9	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	86.4	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4000	87.2	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3500	87.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	88.0	92.9	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2500	89.4	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2000	92.0	97.5	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	92.2	98.0	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	92.8	98.6	99.0	99.1	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	92.8	98.6	99.1	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	92.8	98.7	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	92.8	98.7	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1541

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JUMISTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

1800-2000  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	72.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 18000	72.6	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 16000	72.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 14000	73.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 12000	76.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 10000	79.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 9000	80.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	82.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 7000	83.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 6000	83.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 5000	84.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4500	85.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4000	86.2	90.3	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3500	86.6	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3000	86.8	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	87.7	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	88.0	92.5	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1800	88.0	92.7	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	88.0	92.9	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1200	88.0	93.1	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1000	88.0	93.2	93.5	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 900	88.0	93.1	93.5	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 800	88.0	93.1	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 700	88.0	93.1	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 600	88.0	93.1	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 500	88.0	93.1	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 400	88.0	93.1	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 300	88.0	93.1	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 200	88.0	93.1	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 100	88.0	93.1	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 0	88.0	93.1	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS

1541

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/NO

## CEILING VERSUS VISIBILITY

21003  
STATIONJANET IN ISLAND/PACIFIC IS  
STATION NAME

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)2100-2300  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	66.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 20000	75.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	76.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 16000	76.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	77.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	78.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	80.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	80.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	83.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	84.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	84.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000	85.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	85.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	86.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	87.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	87.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	88.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	88.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	88.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	89.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	89.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	90.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

1541

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21607  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

FP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/32	≥0
NO CEILING	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	76.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 18000	76.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 16000	76.2	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 14000	76.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 12000	78.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 10000	80.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 9000	81.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 8000	83.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 7000	84.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 6000	85.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 5000	86.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 4500	86.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4000	86.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	87.2	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3000	87.4	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2500	88.3	93.1	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	88.6	93.2	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1800	88.8	93.3	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1500	88.9	93.4	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1200	89.0	93.5	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000	89.1	93.6	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 900	89.2	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	89.3	93.8	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 700	89.4	93.9	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 600	89.5	94.0	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 500	89.6	94.1	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 400	89.7	94.2	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 300	89.8	94.3	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 200	89.9	94.4	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 100	90.0	94.5	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0	90.0	94.5	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9

TOTAL NUMBER OF OBSERVATIONS 1440

USAF ETAC FORM 101-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

# CEILING VERSUS VISIBILITY

21603

JUNISTON ISLAND/PACIFIC IS.

48-71

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	65.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 20000	75.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 18000	75.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 16000	75.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 14000	76.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 12000	77.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 10000	78.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 9000	79.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 8000	82.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 7000	83.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 6000	84.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 5000	85.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4500	86.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4000	87.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	87.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	88.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2500	89.4	94.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	89.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	92.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	93.2	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	93.3	99.2	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	93.3	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	93.3	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	93.3	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	93.3	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	93.3	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1423

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING TURNED

1547

DATA PROCESSING REPORT  
USAF ETAC  
WIND WEATHER SERVICE/NO

# CEILING VERSUS VISIBILITY

21463  
STATION

JUN 1971 PACIFIC IS  
STATION NAME

44-71  
YEARS

YEARS

1 P  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2600-0800  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 12000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 9000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1600	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1447

USAF ETAC 0145 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

216.1 STATION ISLAND/PACIFIC IS

48-71

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	≥¼	≥0
NO CEILING	55.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	72.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	73.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	73.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	73.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	76.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 10000	80.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
9000	81.0	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 8000	83.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
7000	85.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 6000	85.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
5000	86.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4500	86.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
4000	87.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3500	88.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
3000	88.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500	89.7	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
2000	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1800	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1500	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1200	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1000	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 900	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
800	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 700	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
600	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 500	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
400	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 300	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
200	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 100	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
0	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 1440

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING SECTION  
USAF ETAC  
AIR EAT 83 830007 00

## CEILING VERSUS VISIBILITY

2100

JOURNAL 150000/PACIFIC IS

46-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥0
NO CEILING	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 20000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 18000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 16000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 14000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 12000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 10000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 9000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 8000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 7000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 6000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 5000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 4500	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 4000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 3500	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 3000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 2500	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 2000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 1800	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 1500	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 1200	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 1000	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 900	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 800	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 700	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 600	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 500	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 400	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 300	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 200	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 100	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 0	71.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

TOTAL NUMBER OF OBSERVATIONS

1440

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

## CEILING VERSUS VISIBILITY

21000

JOHNSTON ISLAND/PACIFIC IS

48-71

YEARS

F.P.  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1,000-1700  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	77.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	78.4	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 18000	68.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 16000	69.7	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 14000	70.7	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 12000	74.5	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 10000	76.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 9000	79.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 8000	82.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 7000	83.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 6000	84.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 5000	89.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 4500	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4000	91.3	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3500	91.8	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	92.2	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2500	93.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	93.5	94.5	94.5	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1800	93.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1436

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING RANGE  
USAF ETAC  
AID EAST PACIFIC/AC

# CEILING VERSUS VISIBILITY

21014  
STATION

JOHNS ISLAND/PACIFIC IS

48-71

YEARS

1 P  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	72.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	72.7	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 18000	72.7	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 16000	72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 14000	72.7	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 12000	73.5	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 10000	77.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 9000	79.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 8000	81.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 7000	82.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 6000	83.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 5000	84.4	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4500	85.1	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	85.9	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3500	86.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	86.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500	86.4	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2000	91.1	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	92.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	92.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	92.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	92.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	92.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	92.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	92.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	92.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	92.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	92.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	92.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	92.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	92.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	92.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1444

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

21003  
STATIONJOHNSON ISLAND/PACIFIC IS  
STATION NAME48-71  
YEARSSEP  
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)2100-2300  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	65.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	76.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 18000	76.7	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 16000	76.8	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 14000	77.7	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000	79.2	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	81.9	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	84.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000	85.9	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	86.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	86.5	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	87.2	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	87.7	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	88.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	88.8	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	89.1	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	90.0	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	90.1	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	90.6	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	90.9	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	91.9	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	93.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1441

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT EX SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603

JOINT ISLAND/PACIFIC IS

48-71

YEARS

CT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	4.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000	70.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 18000	75.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	76.4	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	77.1	80.5	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 12000	78.4	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	80.2	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	80.8	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 800	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 700	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 600	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 500	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 400	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 300	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 200	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 100	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 0	81.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4

TOTAL NUMBER OF OBSERVATIONS 1458

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT ED SERVICE/AC

# CEILING VERSUS VISIBILITY

2163  
STATION

JOHNSON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅒	≥ 0
NO CEILING ≥ 20000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	74.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	74.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 14000	75.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 12000	77.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 10000	79.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 9000	79.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 8000	81.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 7000	83.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 6000	83.5	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	84.6	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4500	84.7	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4000	86.0	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3500	86.8	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000	87.2	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2500	88.1	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2000	90.7	95.8	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	91.5	96.8	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1500	91.5	97.6	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	91.5	97.8	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	91.5	97.8	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	91.5	97.8	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

1439

USAF ETAC

FORM  
JUN 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAO

# CEILING VERSUS VISIBILITY

210000

UNIDENTIFIED ISLAND/PACIFIC IS

48-71

YEARS

CT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	66.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 18000	66.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 16000	66.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 14000	66.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 12000	71.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 10000	74.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 9000	70.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 8000	74.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 7000	81.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 6000	81.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	82.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	83.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 4000	85.6	90.3	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3500	86.4	91.1	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	86.9	91.6	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2500	88.5	93.2	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000	91.3	96.2	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	92.7	97.8	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	93.3	98.7	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	93.3	98.8	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	93.6	99.9	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	93.6	99.9	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	93.6	99.9	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	93.6	99.9	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	93.6	99.9	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	93.6	99.9	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	93.6	99.9	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	93.6	99.9	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	93.6	99.9	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	93.6	99.9	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	93.6	99.9	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1400

USAF ETAC

FORM  
101-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/NO

# CEILING VERSUS VISIBILITY

21603  
STATION

JULIEN ISLAND / PACIFIC IS  
STATION NAME

48-71  
YEARS

CT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0500-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	49.3	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥20000	69.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 18000	70.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 16000	71.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 14000	73.5	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 12000	77.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 10000	80.8	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 9000	82.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 8000	84.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 7000	85.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 6000	85.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 5000	87.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 4500	87.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000	89.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3500	89.7	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3000	90.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2500	90.7	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	93.1	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	93.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	93.8	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	93.9	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	93.9	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1459

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

21600  
STATION

JUNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

CT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1206-1400  
HOURS UT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 18000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 16000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 14000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 12000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 10000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 9000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 8000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 7000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 6000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 5000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 4500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 3500	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 3000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2500	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 2000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1486

1  
2  
EDATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE AC

## CEILING VERSUS VISIBILITY

21002  
STATION

JOHNSTON ISLAND/PACIFIC IS

STATION NAME

48-71

YEARS

CT  
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)1500-1700  
HOURS (LT ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥0.16	≥0
NO CEILING ≥ 20000	45.2	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 18000	49.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	70.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 14000	71.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	73.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	78.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	80.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 8000	82.9	84.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	84.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	84.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	86.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	87.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	88.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	92.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1457

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21600

MUNSTON ISLAND/PACIFIC IS

48-71

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

10/06-2000  
HOURS 1-51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	70.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	77.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	79.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	81.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	82.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	83.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	84.2	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	84.9	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	86.3	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	86.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	86.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	88.4	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	88.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	89.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	89.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	90.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	90.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	90.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	90.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	90.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	90.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	90.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	90.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 300	91.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 200	91.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 100	91.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 0	91.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS 1480

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT OF SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION

JOINT NATION ISLAND/PACIFIC IS

42-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 18000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 16000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 14000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 12000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 10000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 9000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 8000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 7000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 6000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 5000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3500	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1482

2

DATA PROCESSING SECTION  
USAF ETAC  
AIR FORT MONROE, VIRGINIA

# CEILING VERSUS VISIBILITY

21604  
STATION

JULY 1964 PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	74.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 20000	74.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 18000	74.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 16000	74.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 14000	75.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 12000	77.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 10000	80.5	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 9000	81.0	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 8000	82.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 7000	83.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 6000	84.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 5000	84.8	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4500	85.4	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4000	86.7	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	87.4	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3000	87.8	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2500	88.0	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000	88.3	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1800	88.6	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1500	88.8	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200	89.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1000	89.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 900	89.4	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 800	89.5	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 700	89.6	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 600	89.7	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 500	89.8	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 400	89.9	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 300	90.0	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 200	90.1	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 100	90.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 0	90.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 1361

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR SEATER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21600

JONESTON ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0500  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	75.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	75.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 18000	75.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 16000	75.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 14000	76.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 12000	77.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000	80.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 9000	81.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 8000	83.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 7000	83.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 6000	83.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 5000	84.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 4500	85.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 4000	86.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 3500	87.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 3000	87.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 2500	87.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 2000	87.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 1800	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 1500	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 1200	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 1000	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 900	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 800	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 700	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 600	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 500	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 400	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 300	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 200	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 100	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 0	87.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6

TOTAL NUMBER OF OBSERVATIONS

1342

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING CENTER  
USAF ETAC  
AFB EAGLE FORT WORTH

## CEILING VERSUS VISIBILITY

STATION: JAGSON A ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)1600-0000  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5	≥ .5	≥ 1/2	≥ 1/4	≥ 0
NO CEILING ≥ 20000	66.1	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	66.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	66.3	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	67.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	70.2	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 10000	73.2	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 9000	74.6	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 8000	77.5	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 7000	78.4	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 6000	79.0	83.1	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 5000	80.5	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4500	81.3	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4000	83.3	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3500	84.4	89.0	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	84.9	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2500	85.6	90.3	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2000	87.2	91.4	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	88.0	92.5	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	88.3	92.8	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1200	88.6	93.1	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000	88.7	93.4	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 900	88.8	93.7	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	88.9	94.0	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 700	89.0	94.3	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 600	89.1	94.6	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 500	89.2	94.9	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 400	89.3	95.2	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 300	89.4	95.5	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 200	89.5	95.8	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 100	89.6	96.1	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 0	89.7	96.4	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

1382

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT EN FAVICP/AC

## CEILING VERSUS VISIBILITY

21000

JOHNSON ISLAND/PACIFIC IS

4E-71

YEARS

LEV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS T-51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	7.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 20000	9.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	70.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	70.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	71.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	74.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	76.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	78.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	80.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	81.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	83.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	85.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	86.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	86.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	87.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	87.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	88.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 300	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 200	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 100	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 0	88.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS 1323

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING RANGE  
USAF ETAC  
AIR FEATURES SERVICE NO

# CEILING VERSUS VISIBILITY

STATION  
STATION NAME

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	55.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	57.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 18000	68.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 16000	68.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 14000	70.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 12000	73.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 10000	76.6	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 9000	77.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 8000	80.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 7000	81.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 6000	82.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 5000	84.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4500	84.0	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4000	85.2	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3500	86.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	86.5	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	87.8	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	88.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800	88.1	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	88.6	99.1	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	89.0	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	89.6	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1382

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

2180

JOHNSTON ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-1700

HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	54.0	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	7.0	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	7.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 16000	6.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	70.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	73.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	76.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	76.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	79.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	81.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	81.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 5000	83.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	84.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	84.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	85.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	86.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	87.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	92.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	93.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	94.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	94.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	94.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

1341

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOINT WY ISLAND/PACIFIC IS

STATION NAME

46-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1-06-2000  
HOURS LEFT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	69.3	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	69.3	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	69.9	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 16000	70.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	71.2	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	72.8	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	75.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	77.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	78.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	80.7	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000	81.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000	83.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	83.7	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	84.7	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	85.2	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	85.8	90.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	87.1	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	87.3	90.3	90.7	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	87.3	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	87.7	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	87.8	98.4	98.8	99.1	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	87.9	98.5	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	88.0	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1384

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/DAC

## CEILING VERSUS VISIBILITY

41002  
STATION

JOHNSTON ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	7.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	73.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 18000	73.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 16000	74.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 14000	74.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 12000	77.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 10000	80.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 9000	81.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 8000	84.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 7000	85.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 6000	85.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 5000	86.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4500	86.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4000	7.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	88.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	88.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 2500	90.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	92.5	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	93.5	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1500	93.6	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	93.6	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1314

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FEATURE SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603

JANSTON ISLAND/PACIFIC IS

48-71

YEARS

F.C.

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS 1-511

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 18000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 16000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 14000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 12000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 10000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 9000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 8000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 7000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 6000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 5000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 4500	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 2500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1800	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1420

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING RANGE  
 USAF ETAC  
 AIR SEATTLE - REMICK/NO

# CEILING VERSUS VISIBILITY

21001  
 STATION

JOHNSON ISLAND/PACIFIC IS  
 STATION NAME

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0300-0500  
 HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	62.8 65.4	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9	66.1 68.9
≥ 18000 ≥ 16000	65.4 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2	68.9 69.2
≥ 14000 ≥ 12000	69.2 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7	69.7 70.7
≥ 10000 ≥ 9000	70.7 72.0	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5	74.4 76.5
≥ 8000 ≥ 7000	72.0 74.2	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1	76.5 79.1
≥ 6000 ≥ 5000	74.2 76.3	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4	79.1 81.4
≥ 4500 ≥ 4000	76.3 79.1	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6	81.4 84.6
≥ 3500 ≥ 3000	79.1 82.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2	84.6 88.2
≥ 2500 ≥ 2000	82.2 87.9	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5	88.2 94.5
≥ 1800 ≥ 1500	87.9 93.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5	94.5 98.5
≥ 1200 ≥ 1000	93.5 97.5	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7	98.5 99.7
≥ 900 ≥ 800	97.5 99.6	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9
≥ 700 ≥ 600	99.6 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 500 ≥ 400	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 300 ≥ 200	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 100 ≥ 0	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 1420

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2  
DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

## CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	57.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000	57.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 16000	57.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 14000	58.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 12000	60.4	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 10000	62.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 9000	63.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 8000	67.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 7000	69.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 6000	70.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 5000	72.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4500	73.4	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 4000	70.3	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 3500	79.0	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 3000	79.5	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
IV 2500	81.7	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
IV 2000	87.0	93.2	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2
IV 1800	89.5	95.6	96.3	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8
IV 1500	90.8	97.5	98.2	98.3	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 1200	90.9	97.7	98.5	98.6	98.7	98.7	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4
IV 1000	91.1	98.0	98.9	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
IV 900	91.1	98.0	98.9	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
IV 800	91.1	98.0	98.9	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
IV 700	91.1	98.0	98.9	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
IV 600	91.1	98.1	98.9	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 500	91.1	98.1	98.9	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 400	91.1	98.1	98.9	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 300	91.1	98.1	98.9	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	91.1	98.1	98.9	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	91.1	98.1	98.9	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	91.1	98.1	98.9	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1421

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21800  
STATION

JULIATION ISLAND/PACIFIC IS  
STATION NAME

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	10.2	52.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥20000	53.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 18000	63.3	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 16000	63.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 14000	64.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 12000	67.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 10000	70.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	73.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 8000	76.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 7000	77.9	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 6000	78.7	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 5000	80.8	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4500	81.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4000	83.2	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	84.4	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3000	85.5	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2500	86.3	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2000	86.7	92.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1800	87.1	92.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1500	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1200	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1000	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 900	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 800	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 700	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 600	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 500	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 400	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 300	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 200	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 100	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 0	87.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5

TOTAL NUMBER OF OBSERVATIONS 1420

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

21600  
STATION

DEFLECTION ISLAND/PACIFIC IS  
STATION NAME

48-71

YEARS

1 EC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.3	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	63.1	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	63.3	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	63.9	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	65.4	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	67.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000	69.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	72.0	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	74.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	76.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	77.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	78.9	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	79.9	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	80.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	82.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	83.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	84.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	89.4	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	91.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	91.6	97.7	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 1200	91.8	98.2	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	91.9	98.4	98.8	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 700	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 100	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 0	92.0	98.5	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1420

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

210-25  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

1990-1990  
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥20000	61.0	61.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 18000	61.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 16000	61.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 14000	63.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 12000	62.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 10000	69.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 9000	72.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 8000	74.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 7000	76.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 6000	77.2	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 5000	79.5	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 4500	80.2	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4000	81.9	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3500	83.6	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	84.2	89.7	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2500	86.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2000	80.2	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	91.4	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	91.9	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	92.0	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1419

USAF ETAC

FORM  
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAO

# CEILING VERSUS VISIBILITY

STATION  
21602

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

1600-2000  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	71.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	73.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	75.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	77.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	77.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	79.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	80.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	81.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	83.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	83.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	85.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	90.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	92.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	92.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	92.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	92.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 1420

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING MATCH  
USAF ETAC  
AIR BASE NAME: VICTOR

# CEILING VERSUS VISIBILITY

STATION: 210000 ISLAND PACIFIC 12 98-71 YEARS: MONTH: 2100-2300  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS: 1-5

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.14	≥0
NO CEILING	68.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 18000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 16000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 14000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 12000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 10000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 8000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 7000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 6000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 4500	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 4000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1412

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

21603 JOHNSTON ISLAND/PACIFIC IS

48-72

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	6.0	9.9	15.6	14.6	10.9	7.9	5.1	6.3	6.7	5.5	11.5	4.6	10912
FEB		5.2	8.2	16.7	16.9	11.4	8.0	5.1	6.6	6.9	4.9	10.1	4.6	10111
MAR		4.4	6.4	13.6	16.4	10.7	8.7	4.9	6.5	7.8	5.9	14.7	5.1	11379
APR		1.6	3.8	10.2	11.4	9.8	8.9	5.7	7.3	10.1	7.5	23.7	6.1	11008
MAY		1.0	3.1	10.2	12.3	10.0	8.8	5.5	7.4	9.6	8.1	24.1	6.2	11405
JUN		1.3	4.8	13.1	15.7	11.3	10.2	5.2	7.9	9.0	6.9	14.7	5.4	11053
JUL		.6	3.8	13.2	16.2	12.6	11.5	6.3	7.8	9.5	6.4	12.1	5.3	11887
AUG		.9	3.6	12.2	15.9	12.5	10.2	5.6	8.0	9.2	6.7	15.3	5.5	11889
SEP		.6	3.5	12.5	15.1	11.2	10.2	5.6	8.2	10.2	7.7	15.2	5.6	11524
OCT		.8	4.0	10.9	14.4	10.7	9.4	5.5	8.1	10.1	7.8	18.3	5.8	11900
NOV		1.7	6.2	14.0	16.0	11.9	9.6	4.7	6.8	7.9	5.9	15.2	5.2	11059
DEC		2.6	7.4	14.3	15.5	10.9	9.2	5.2	6.7	8.0	5.9	14.3	5.1	11358
TOTALS		2.2	5.4	13.0	15.0	11.2	9.4	5.4	7.3	8.8	6.6	15.8	5.4	135485

## SKY COVER

JAN

STATION

STATION NAME

PERIOD.

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	6.5	11.6	18.5	15.5	11.3	7.3	3.5	5.0	6.7	3.6	10.5	4.2	1360
	03-05	5.6	11.2	18.1	15.4	10.2	8.4	4.6	5.4	5.4	3.2	12.6	4.4	1361
	06-08	2.5	5.9	13.7	13.6	12.2	8.1	7.3	8.4	8.1	7.7	12.4	5.2	1364
	09-11	6.3	9.7	15.2	13.4	10.0	8.6	4.5	7.0	7.3	6.4	11.6	4.7	1363
	12-14	8.3	10.4	10.0	14.3	11.0	8.4	5.3	7.8	5.9	6.1	12.4	4.7	1366
	15-17	7.0	8.8	14.6	16.0	10.5	7.0	4.7	5.9	6.1	7.7	11.9	4.7	1366
	18-20	5.8	9.4	14.8	15.2	10.6	8.3	6.1	5.0	8.3	5.1	11.3	4.7	1366
	21-23	6.1	11.9	20.2	13.7	11.3	7.0	4.9	5.6	5.9	4.0	9.3	4.2	1366
TOTALS		6.0	9.9	15.6	14.6	10.9	7.9	5.1	6.3	6.7	5.5	11.5	4.6	10912

## SKY COVER

FEB

STATION

STATION NAME

PERIOD

MONIM

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	7.3	8.9	20.6	16.9	10.5	7.0	3.2	5.5	7.0	3.4	9.7	4.2	1264
	03-05	4.4	8.8	19.9	18.7	10.1	6.6	5.3	5.5	6.9	3.2	10.6	4.4	1264
	06-08	2.3	5.2	12.9	15.6	12.0	9.3	7.4	8.9	8.7	6.9	10.8	5.2	1264
	09-11	4.4	8.4	14.7	16.3	11.4	7.4	5.6	7.6	7.0	6.0	11.2	4.8	1262
	12-14	6.2	9.3	13.1	14.5	11.8	9.1	5.4	7.7	7.5	5.8	9.6	4.7	1265
	15-17	6.3	7.9	12.8	18.0	13.2	8.5	4.0	7.0	6.9	5.5	9.8	4.6	1264
	18-20	4.6	8.2	15.5	18.0	11.9	9.7	5.1	6.2	6.3	5.0	9.5	4.5	1264
	21-23	6.2	8.8	24.2	17.4	10.3	6.3	4.5	4.4	5.1	3.2	9.7	4.1	1264
TOTALS		5.2	8.2	16.7	16.9	11.4	8.0	5.1	6.6	6.9	4.9	10.1	4.6	10111

## SKY COVER

MAR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	5.8	8.1	17.3	15.7	10.3	7.1	4.2	6.5	7.6	3.8	13.6	4.7	1422
	03-05	5.5	6.2	17.2	18.2	8.9	8.7	4.8	5.7	7.0	3.7	14.3	4.7	1423
	06-08	1.8	4.8	10.1	15.9	11.0	8.9	5.7	7.1	11.1	9.5	14.1	5.6	1423
	09-11	5.6	8.4	11.1	13.3	9.5	9.4	4.4	7.7	8.4	7.0	15.3	5.2	1423
	12-14	4.5	6.3	11.0	14.6	12.0	10.0	4.4	7.2	8.2	5.1	16.6	5.3	1424
	15-17	3.4	5.0	11.5	17.5	11.7	8.2	4.8	6.5	7.7	7.9	15.7	5.3	1422
	18-20	2.8	4.2	12.5	18.4	12.9	9.2	6.0	6.1	7.2	5.8	14.9	5.2	1421
	21-23	5.8	8.5	18.4	17.4	9.1	8.4	5.1	5.2	5.3	4.0	12.7	4.5	1421
TOTALS		4.4	6.4	13.6	16.4	10.7	8.7	4.9	6.5	7.8	5.9	14.7	5.1	11379

## SKY COVER

49-72

APR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	2.5	3.6	15.0	14.3	10.2	9.5	6.3	5.8	7.7	3.9	21.2	5.5	1375
	03-05	2.2	4.0	13.0	14.0	10.7	7.1	7.4	7.4	9.4	3.6	21.2	5.7	1376
	06-08	.9	2.4	5.7	9.2	9.0	11.2	5.3	8.4	12.6	10.6	24.8	6.7	1377
	09-11	2.0	4.1	9.0	6.8	10.5	9.4	4.7	7.7	9.5	10.8	23.5	6.3	1376
	12-14	1.7	3.8	7.7	10.7	8.9	8.3	5.0	8.1	9.9	9.3	26.5	6.4	1377
	15-17	.9	3.8	7.5	9.7	9.7	7.8	5.3	8.1	10.7	10.1	26.3	6.5	1377
	18-20	.7	3.3	9.6	9.4	10.2	9.4	6.0	7.4	11.5	7.5	25.0	6.4	1375
	21-23	2.2	5.2	14.1	14.8	9.3	8.4	5.7	5.8	9.2	3.9	21.4	5.5	1375
TOTALS		1.6	3.8	10.2	11.4	9.8	8.9	5.7	7.3	10.1	7.5	23.7	6.1	11008

FORM 0-9-5 (OL A)  
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

49-72

MAY

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	1.5	4.8	14.7	16.1	9.7	7.2	5.8	6.8	7.1	4.6	21.8	5.6	1426
	03-05	1.3	3.5	13.4	12.6	11.4	9.3	6.7	7.2	9.3	4.5	20.8	5.7	1426
	06-08	.1	1.7	7.4	10.7	9.4	9.3	5.5	8.9	11.0	11.3	24.8	6.7	1426
	09-11	1.4	3.4	9.1	11.2	8.9	9.8	4.8	6.6	11.7	9.5	23.5	6.3	1423
	12-14	.9	2.9	8.3	11.2	10.4	8.5	4.5	7.0	11.1	9.3	23.9	6.4	1426
	15-17	.8	3.0	6.0	11.6	9.4	8.4	4.7	7.7	10.2	10.4	27.7	6.6	1426
	18-20	.4	1.7	8.0	11.1	11.1	9.0	6.2	7.3	9.9	9.5	26.0	6.5	1426
	21-23	1.2	3.9	14.9	14.0	9.8	8.9	5.5	7.3	6.7	5.4	22.4	5.7	1426
TOTALS		1.0	3.1	10.2	12.3	10.0	8.8	5.5	7.4	9.6	8.1	24.1	6.2	11405

## SKY COVER

**49-72**

**Juti**

STATION

STATION NAME

PERIOD

MONTH \_\_\_\_\_

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	2.2	5.3	18.4	21.4	11.5	8.2	4.1	7.0	6.3	3.3	12.3	4.7	1382
	03-05	1.8	4.8	15.1	18.6	11.4	9.6	6.2	8.0	8.0	3.5	12.9	5.0	1382
	06-08	.4	2.2	8.0	12.8	12.1	10.1	6.1	9.0	12.6	10.6	16.1	6.1	1382
	09-11	1.2	6.4	8.8	13.4	10.4	10.7	5.2	9.9	10.6	7.8	15.6	5.7	1380
	12-14	1.3	5.4	12.0	12.2	11.4	10.8	5.9	8.0	8.3	8.1	16.5	5.6	1381
	15-17	.7	3.8	12.7	13.6	11.2	11.3	4.5	6.9	8.8	10.1	16.2	5.7	1382
	18-20	.7	3.5	10.6	15.1	12.7	10.3	4.8	7.9	11.2	7.6	15.8	5.7	1383
	21-23	2.2	7.0	18.8	18.2	10.0	10.2	4.7	6.4	6.4	3.8	12.2	4.7	1381
TOTALS		1.3	4.8	13.1	15.7	11.3	10.2	5.2	7.9	9.0	6.9	14.7	5.4	11053

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

21603 JOHNSTON ISLAND/PACIFIC IS

48-71

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	1.3	5.3	20.5	18.7	13.1	10.2	5.5	5.8	6.4	3.4	10.0	4.6	1485
	03-05	.4	4.5	16.5	18.5	13.0	12.6	5.9	7.9	8.3	3.9	8.5	4.8	1488
	06-08	.2	2.3	8.2	14.0	13.5	12.0	6.4	9.1	12.0	8.9	13.4	5.9	1488
	09-11	.5	2.9	10.6	15.7	12.5	12.2	6.1	7.9	10.8	7.0	13.7	5.6	1486
	12-14	.8	3.8	11.2	13.6	11.4	11.5	7.3	8.9	8.9	8.2	14.4	5.7	1487
	15-17	.4	2.8	10.6	14.9	12.3	12.2	5.8	8.5	10.7	8.6	13.1	5.7	1485
	18-20	.1	3.8	10.4	13.7	12.6	11.0	6.9	9.0	10.7	7.9	13.8	5.7	1487
	21-23	1.1	5.0	17.4	20.5	12.4	10.1	6.4	5.6	7.8	3.5	10.1	4.7	1481
TOTALS		.6	3.8	13.2	16.2	12.6	11.5	6.3	7.8	9.5	6.4	12.1	5.3	11887

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

21603 JOHNSTON ISLAND/PACIFIC IS

48-71

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	2.0	4.9	16.4	17.5	12.9	9.9	4.4	8.2	7.3	3.4	13.1	5.0	1484
	03-05	1.5	4.9	19.2	18.9	11.9	8.1	5.9	7.7	7.3	3.1	11.5	4.8	1485
	06-08	.2	2.6	7.4	14.7	11.6	11.2	4.8	9.3	13.4	8.5	16.1	6.0	1487
	09-11	1.1	4.4	8.7	13.6	11.6	10.8	6.7	7.9	10.6	7.9	16.6	5.8	1485
	12-14	.4	2.4	9.5	15.3	12.2	11.2	5.7	8.1	9.6	8.2	17.3	5.9	1487
	15-17	.5	2.3	9.4	13.9	12.4	10.4	6.0	7.5	9.3	9.5	18.8	6.0	1487
	18-20	.4	2.8	9.8	14.5	13.3	10.1	6.7	7.7	9.5	8.6	16.6	5.8	1487
	21-23	1.2	4.3	17.1	18.8	13.8	9.5	4.8	7.5	6.5	4.2	12.2	4.9	1487
TOTALS		.9	3.6	12.2	15.9	12.5	10.2	5.6	8.0	9.2	6.7	15.3	5.5	11889

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

SEP

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	.7	5.5	18.1	19.9	11.5	9.9	4.7	5.9	6.5	4.9	12.5	4.9	1440
	03-05	.6	6.0	18.0	17.2	12.9	8.8	4.8	8.3	7.9	3.5	12.0	4.9	1439
	06-08	.5	2.3	7.6	13.2	10.8	11.8	6.0	8.9	12.8	9.2	17.0	6.1	1442
	09-11	.6	3.2	10.0	13.6	11.9	10.4	6.0	8.9	9.6	9.7	16.1	5.9	1440
	12-14	.3	2.6	8.9	13.1	10.1	10.3	6.0	9.9	12.0	9.2	17.6	6.1	1440
	15-17	.1	2.4	8.2	12.9	10.5	9.9	5.4	8.3	13.1	12.0	17.1	6.2	1438
	18-20	.4	2.1	11.6	13.8	10.5	9.8	7.1	8.2	12.4	8.2	16.0	5.9	1444
	21-23	1.6	3.9	17.3	17.3	11.6	11.0	4.9	6.9	7.1	5.1	13.3	5.1	1441
TOTALS		.6	3.5	12.5	15.1	11.2	10.2	5.6	8.2	10.2	7.7	15.2	5.6	11524

## SKY COVER

E C T

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	1.2	6.5	17.8	19.1	9.7	8.3	5.7	6.9	6.0	4.0	14.8	4.9	1489
	03-05	1.2	4.0	17.1	17.6	11.6	9.7	5.3	8.7	7.1	4.5	13.2	5.1	1489
	06-08	.7	2.3	7.4	12.2	11.6	10.6	4.8	8.9	11.6	11.0	19.1	6.3	1488
	09-11	.3	4.7	8.0	11.3	11.6	8.8	5.4	8.7	11.0	10.2	20.0	6.2	1489
	12-14	.3	2.9	5.8	11.9	11.8	10.4	5.3	8.3	11.8	9.9	21.5	6.4	1488
	15-17	.5	4.2	7.1	11.3	9.3	8.1	6.0	8.1	12.5	11.2	21.8	6.4	1487
	18-20	.9	3.3	9.3	13.4	9.2	10.3	5.2	8.3	12.0	8.1	20.0	6.1	1488
	21-23	1.1	3.8	14.6	18.5	10.9	9.3	6.2	7.0	9.1	3.6	15.9	5.3	1482
TOTALS		.8	4.0	10.9	14.4	10.7	9.4	5.5	8.1	10.1	7.8	18.3	5.8	11900

FORM 0-9-5 (OL A)  
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

21603 JOHNSTON ISLAND/PACIFIC IS

48-71

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	2.2	8.2	19.7	18.2	11.0	9.0	4.3	6.7	5.9	2.8	12.0	4.6	1381
	03-05	1.9	8.2	19.8	18.0	13.1	7.0	4.1	5.4	6.7	3.2	12.6	4.6	1382
	06-08	1.2	4.3	10.9	14.3	12.7	11.1	4.8	7.6	8.5	7.7	16.9	5.6	1382
	09-11	2.5	6.7	11.3	14.4	10.6	10.1	5.4	7.0	8.0	7.4	16.6	5.4	1383
	12-14	1.7	5.4	10.1	13.0	11.9	11.4	5.6	7.2	9.8	7.8	16.1	5.6	1382
	15-17	1.4	4.2	9.9	14.2	12.8	10.5	5.1	7.2	8.5	8.8	17.5	5.7	1381
	18-20	.8	5.5	13.4	16.5	11.6	8.9	5.0	6.6	9.6	5.9	16.3	5.4	1384
	21-23	2.1	7.4	17.0	19.5	11.6	8.7	3.2	6.9	6.1	3.8	13.8	4.8	1384
TOTALS		1.7	6.2	14.0	16.0	11.9	9.6	4.7	6.8	7.9	5.9	15.2	5.2	11059

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

21603 JOHNSTON ISLAND/PACIFIC IS

48-71

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	2.2	9.0	17.4	17.0	12.8	6.8	4.2	5.4	6.7	4.3	14.3	4.8	1420
	03-05	2.9	9.3	18.2	16.1	10.5	8.2	5.7	4.9	7.0	3.7	13.5	4.7	1420
	06-08	1.3	4.9	10.9	15.3	10.3	10.3	5.1	8.7	11.4	8.4	13.2	5.6	1421
	09-11	2.7	7.8	11.9	14.4	11.1	9.2	5.8	6.5	8.5	7.7	14.4	5.3	1420
	12-14	3.2	7.4	12.0	13.4	10.1	10.8	4.9	7.7	7.2	7.5	15.8	5.3	1420
	15-17	3.0	6.3	10.9	15.2	10.2	10.4	5.8	7.2	9.2	6.9	14.9	5.4	1419
	18-20	2.6	6.8	14.2	16.1	10.6	9.4	5.3	7.2	8.2	5.5	14.2	5.1	1420
	21-23	2.8	7.8	18.9	16.5	11.8	8.5	4.7	6.3	5.4	3.1	14.0	4.7	1418
TOTALS		2.6	7.4	14.3	15.5	10.9	9.2	5.2	6.7	8.0	5.9	14.3	5.1	11358

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperature
  - b. Daily minimum temperature
  - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of dry-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma x$ ). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- a. Dry-bulb temperature
  - b. Wet-bulb temperature
  - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR MATTER SERVICE/AC  
 2101 JONESTON ISLAND/PACIFIC IS  
 STATION STATION NAME

## DAILY TEMPERATURES

45-72

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

DATE

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							3.9	9.7	11.1	8.7			2.8
55	23.6	26.0	27.6	44.7	71.7	84.9	90.6	90.6	91.1	85.3	73.2	47.2	61.4
60	92.9	91.7	93.4	97.0	99.1	99.9	100.0	100.0	100.0	99.7	98.7	96.3	97.4
65	99.9	99.7	100.0	100.0	100.0	100.0				100.0	99.9	99.7	99.9
70	100.0	100.0									100.0	100.0	100.0
75													
80													
85													
90													
95													
100													
105													
110													
115													
120													
125													
130													
135													
140													
145													
150													
155													
160													
165													
170													
175													
180													
185													
190													
195													
200													
MEAN	71.0	72.7	73.1	73.9	75.3	76.2	77.0	77.5	77.6	76.0	75.7	74.1	75.3
S D	2.557	2.121	2.173	2.037	1.771	1.791	1.793	1.890	1.713	2.277	2.334	2.226	2.470
TOTAL OBS	77	76.9	77.2	77.0	77.6	77.7	77.5	77.2	75.7	78.7	75.7	78.2	92.7

DATA PROCESSING NAME: 1404 LTD.  
AIR CATERING SERVICE/AC  
2161 JERVISON ISLAND/PACIFIC IS 45-72  
STATION STATION NAME

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USAF ETAC 0-21.5 (OL 1); PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

43-72

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45					85	86	86	88	87	88	87	85	85	
46		83	83	83	82	85	84	86	87	87	87	84	83	87
47		82	82	83	85	85	86	86	88	88	88	89	85	89
48		85	86	86	87	88		93	92	94	90	90	89	
49		86	85	85	86	87	85	88	88	86	85	83	84	88
50		83	83	83		84	85	86	88	87	86	84	82	
51		82	85	84	85	86	88	88	87	90	89	87	85	90
52		84	84	85	84	85	86	87	88	87	87	85	85	88
53		84	82	84	83	85	85	86	87	87	86	85	83	87
54		85	83	82	85	85	86	87	88	88	88	85	84	88
55		83	83	82	82	83	84	85	86	86	88	86	85	88
56		86	84	83	81	85	85	86	86	87	87			
57												88	84	
58		82	83	84	84	86	87	87	88	87	88	86	83	88
59		83	84	82	84	85	86	88	88	88	88	86	85	88
60		83	84	85	85	87	84	86	85	85	86	84	86	87
61		86	85		84	86	86	83	83	85	83	84	86	
62		85	85	84	84	83	83	84	85	85	84	84	81	85
63		84	80	81	84	83	85	85	86	87	85	84	83	87
64		82	81	84	85	87	84	86	86	87	87	85	83	87
65		82	83	83	82	86	85	87	87	87	86	85	85	87
66		83	82	84	84	86	87	87	88	87	87	85	85	88
67		84	85	83	85	86	86	87	88	88	89	87	86	89
68		83	85	83	85	86	87	89	88	88	87	89	85	89
69		88	87	85	85	86	86	87	86	86	87	83	83	88
70		83	82	83	82	83	84	85	85	85	85	84	83	85
71		82	82	83	84	83	84							
72														
MEAN		83.6	83.5	83.5	84.1	85.3	85.4	86.7	87.0	87.2	86.8	85.5	84.3	87.7
S D		1.630	1.636	1.680	1.412	1.402	1.221	1.887	1.683	1.848	1.607	1.911	1.626	1.226
TOTAL OBS		775	707	744	750	806	750	775	775	750	775	750	775	9132

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

**MAXIMUM TEMPERATURE**  
(FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

**45-72**

**YEARS**

WHOLE DEGREES FAHRENHEIT  
/BASED ON LESS THAN FULL MONTHS/

[illegible]

USAF ETAC FORM 0-88.5 (OLI)

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45				67	73	75	75	75	75	74	73	71	
46	72	70	72	68	72	74	76	74	74	74	69	70	68
47	70	71	73	73	75	74	75	72	74	74	77	73	70
48	71	69	70	70	74		72	73	71	68	70	68	
49	63	67	68	68	69	70	71	70	72	69	69	68	63
50	70	69	73		73	73	73	74	75	75	75	70	
51	68	70	71	70	74	73	76	76	76	74	75	72	68
52	67	71	70	71	70	70	74	73	73	73	71	72	67
53	72	71	72	72	73	75	75	75	77	74	74	70	70
54	68	70	69	72	73	75	74	76	75	75	73	71	68
55	69	69	68	70	71	72	74	73	72	70	70	70	68
56	67	69	70	68	72	72	74	75	75	73			
57											69	69	
58	68	67	68	70	69	72	73	71	73	71	70	69	67
59	70	68	69	71	71	73	72	74	72	70	73	70	68
60	68	67	71	70	72	71	72	72	71	66	63	65	63
61	65	64		70	74	74	76	76	75	75	73	71	
62	71	71	67	70	70	75	75	73	76	77	74	73	67
63	70	69	68	70	72	70	73	73	73	70	70	62	62
64	68	65	68	70	68	69	70	73	73	74	70	70	65
65	68	68	70	69	73	75	75	75	76	72	69	70	68
66	66	69	68	70	73	74	74	75	73	73	70	65	65
67	69	69	70	69	73	75	75	72	72	73	73	72	69
68	65	69	68	68	70	71	72	72	72	71	71	70	65
69	71	69	68	69	70	72	71	72	74	72	70	64	64
70	68	70	67	71	70	71	74	72	71	72	73	70	67
71	68	70	70	71	70	73							
72	68	70	70	71	70	73							
MEAN	68.5	68.8	69.5	69.9	71.7	72.7	73.6	73.4	73.6	72.4	71.3	69.4	68.6
S D	2.238	1.772	1.794	1.424	1.850	1.882	1.680	1.633	1.758	2.513	2.881	2.769	2.326
TOTAL OBS	775	707	744	750	806	750	775	775	750	775	750	775	9132

## EXTREME VALUES

**MINIMUM TEMPERATURE**  
(FROM DAILY OBSERVATIONS)

**21603**  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

**45-72**

YEARS

WHOLE DEGREES FAHRENHEIT  
/BASED ON LESS THAN FULL MONTHS/

[illegible]

## PSYCHROMETRIC SUMMARY

45-72

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS 11-5-1

[illegible]

## PSYCHROMETRIC SUMMARY

21603  
STATIC

JOHNSTON ISLAND/PACIFIC IS

46-72

JAN

PAGE 1

411

HOURS 11 - 5 - T.

[illegible]



2

## PSYCHROMETRIC SUMMARY

MAR

MONTH

ALL

HOURS L. S. T.

A)

## Forum

**USAFETAC**

## PSYCHROMETRIC SUMMARY

45-72

ADG

STATION

STATION NAME

YEARS

MONITOR

PAGE 1

All

HOURS 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
88/ 87							.0											1	1													
86/ 85				.0	.0	.2	.1	.0										49	49													
84/ 83			.0	.2	.9	1.2	.2											350	353													
82/ 81		.0	.5	2.3	4.7	2.4	.2	.0										1365	1380													
80/ 79		.0	2.3	7.0	6.6	1.4	.2	.0	.0									2389	2439	10												
78/ 77	.0	.8	9.5	15.4	4.2	.4	.1	.0										4141	4213	58	33											
76/ 75	.0	2.1	12.5	13.9	2.1	.2	.1	.0										4211	4304	1350	210											
74/ 73	.1	1.5	3.6	1.2	.5	.1	.0											955	978	3986	1370											
72/ 71	.1	.6	.3	.1	.0	.0												142	143	5189	3392											
70/ 69	.0	.1	.0	.0														20	22	2464	4543											
68/ 67	.0	.0																2	2	357	2931											
66/ 65																				82	774											
64/ 63																				26	224											
62/ 61																				3	81											
60/ 59																					35											
58/ 57																					20											
56/ 55																					6											
54/ 53																					4											
TOTAL	.2	5.2	28.6	40.0	19.0	6.0	.9	.1	.0									13625	13884	13625	13623											



AD  
ADDITION

2

## YEARS

**45-72**

MAY

STATION

STATION NAME

**PAGE 1**

**ALL**

**ALL**  
HOURS L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

49-72

JUN

STATION

STATION NAME

YEARS

**MONTH**

**PAGE 1**

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
88/ 87					.0	.0	.4	.1										65	65						
86/ 85				.1	.5	1.7	.4	.0										374	374						
84/ 83		.0	.1	1.2	6.0	5.4	.4											1784	1785						
82/ 81		.0	1.1	5.4	9.7	1.9	.1											2476	2499	2	1				
80/ 79		.2	6.1	20.2	6.4	.2												4495	4512	54	11				
78/ 77	.0	.8	9.5	16.5	1.8	.0												3894	3935	641	80				
76/ 75	.0	.7	1.8	.7														447	468	3804	707				
74/ 73	.0	.2	.1															47	48	6664	2669				
72/ 71	.0	.0																6	6	2254	5715				
70/ 69																				168	3672				
68/ 67																					669				
66/ 65																					60				
64/ 63																					2				
TOTAL	.1	2.1	18.7	44.1	24.4	9.3	1.2	.1											13692		13586				
																		13588		13588					

## PSYCHROMETRIC SUMMARY

45-71

44

STATION

STATION NAME

YEARS

MONITOR

**PAGE 1**

414

**ALL**  
HOURS (L. S. T. I.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
92/ 91						.0	.0	.0										5	5													
90/ 89						.1	.1	.0										34	34													
88/ 87				.0	.2	.5	.2											120	120													
86/ 85		.0	.1	.6	2.0	2.9	.2											820	820													
84/ 83		.0	.3	2.0	7.6	5.0	.2											2131	2131	2	1											
82/ 81		.0	1.5	8.0	8.4	1.3												2711	2711	27	7											
80/ 79	.0	.3	9.5	25.3	5.6	.0												5748	5748	213	41											
78/ 77	.0	.7	5.5	9.5	.9													2347	2347	1341	227											
76/ 75	.0	.5	.6	.1	.0													184	184	5500	1132											
74/ 73	.0	.1	.0															15	15	5632	4283											
72/ 71																				1363	5361											
70/ 69																				36	2688											
68/ 67																				1	361											
66/ 65																					14											
TOTAL	.0	1.6	17.4	45.6	24.8	9.8	.7	.0										14115	14115	14115	14115											



## PSYCHROMETRIC SUMMARY

YEARS

**PAGE 1**

A 11

**HOURS (L.S.T.)**

[illegible]

## PSYCHROMETRIC SUMMARY

45-71

YEARS

**OCT**  
**MONTH**

PAGE 1

ALL

HOURS (U. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

NOV

PAGE 1

ALL

**ALL**  
HOURS U. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

21603	JOHNSTON ISLAND/PACIFIC IS
STATION	STATION NAME

45-71

DEC  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**JAN**  
MONTH

HOURS	U	S	T
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USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

46-72

JAN  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79					.1													1	1					
78/ 77		1.3	4.0	4.7	1.2	.1												176	181					
76/ 75		3.8	20.0	22.2	5.6	2.0	.1											835	874	30	12			
74/ 73	.2	3.1	9.8	7.6	5.1	1.6	.5	.1										434	462	172	55			
72/ 71	.2	1.2	1.4	1.9	.6	.2	.1											88	89	323	232			
70/ 69	.1	.6	.6	.1														21	24	461	437			
68/ 67		.1	.1															2	4	225	370			
66/ 65		.1																1	1	110	195			
64/ 63																				26	131			
62/ 61																				9	59			
60/ 59																				2	45			
58/ 57																					9			
56/ 55																					9			
54/ 53																					4			
52/ 51																					1			
TOTAL	.4	10.1	35.8	36.5	12.6	3.9	.7	.1											1636		1559			
																		1558		1558				

## PSYCHROMETRIC SUMMARY

21603	JOHNSTON ISLAND/PACIFIC IS
STATION	STATION NAME

46-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS	U	S	T
-------	---	---	---

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
82/ 81					.1													1	1								
80/ 79					.8	.2												33	33								
78/ 77		1.2	6.1	10.1	3.9	.8	.2											348	365								
76/ 75		2.8	14.2	19.3	6.5	2.2	.3											710	753	31	9						
74/ 73	.3	2.7	7.5	6.8	3.7	1.5	.4											359	373	214	66						
72/ 71	.1	1.3	1.6	1.7	.6	.1	.4											92	96	503	228						
70/ 69	.2	.3	.7	.2														21	21	458	414						
68/ 67	.1																	1	1	215	372						
66/ 65																				105	230						
64/ 63																				27	112						
62/ 61																				10	71						
60/ 59																				2	36						
58/ 57																					13						
56/ 55																					6						
54/ 53																					5						
52/ 51																					3						
TOTAL	.7	8.2	30.2	39.2	15.5	4.9	1.3											1565	1643	1565	1565						

## PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

46-72

JA'4

PAGE 1 0900-1100

HOURS: 1-5-7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
86/ 85						.1												1	1													
84/ 83					.1	.1	.1											6	6													
82/ 81		.1	.4	1.9	3.3	2.0	.6	.1										130	131													
80/ 79	.1	.1	2.7	12.5	12.9	5.1	1.3	.1	.1									545	581	2	1											
78/ 77	.1	.5	5.2	12.5	10.6	5.3	1.5	.2	.1									563	594	14	7											
76/ 75		1.1	3.2	4.3	3.7	1.3	1.1	.3										235	243	135	19											
74/ 73	.1	1.2	1.2	.9	.3	.2	.1											60	62	404	135											
72/ 71	.1	.5	.2	.3														18	18	501	308											
70/ 69	.1	.3	.1															6	6	303	384											
68/ 67																				145	299											
66/ 65																				39	188											
64/ 63																				17	114											
62/ 61																				4	58											
60/ 59																					25											
58/ 57																					14											
56/ 55																					6											
54/ 53																					5											
52/ 51																					1											
TOTAL	.4	3.7	13.0	32.4	30.9	14.1	4.7	.7	.1									1564	1642	1564	1564											

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	8390348	113726	72.7	8.791	1564	+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Dry Bulb	10009881	128159	78.1	2.063	1642			93.0	91.6	22.6		93
Wet Bulb	7991266	111722	71.4	2.601	1564			89.4	33.0			93
Dew Point	7331243	106923	68.4	3.704	1564			68.6	9.6			93

## PSYCHROMETRIC SUMMARY

21603  
STATIC

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

**46-72**

YEARS

JAN  
MONTH

PAGE 1 1200-1400

HOURS (L, S, T)

[illegible]

2

## YEARS

IAN

STATION

STATION NAME

YEARS

**MONTH**

HOURS (L - S - T)

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS  
STATION      STATION NAME

46-72

**JAN**  
MONTH

PAGE 1 1800-2000

1600200  
HOURS (L. S. T.)

[illegible]

2

## PSYCHROMETRIC SUMMARY

JAN

STATION

STATION NAME

YEARS

**MONIA**

**2100-2300**

HOURS 11. S. T.

0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
FORM NO. 1-64

USAFETAC

## PSYCHROMETRIC SUMMARY

**FEB**  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

**FEB**  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**FEB**

MONTH

**0600-0800**

11 5810H

[illegible]

21

## 2.

1

MONTH

0900-1100

HOURS (L - S - T - )

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

**FORM**

**USAFETAC**

2

## YEARS

FER  
MONTH

HOURS (L. S. T.)

**USAFETAC**  
FORM  
# 1-64  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

**46-72**

FEB

STATION

STATION NAME

YEARS

FREE  
SACRIFICE

PAGE 1 1500-1700

1900-1970

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
86/ 85									.1									1	1				
84/ 83				.1		.2	.3	.2	.1									14	14				
82/ 81		.1	.6	1.9	4.8	3.2	1.7	.4										190	190				
80/ 79		.2	1.9	11.9	13.1	7.1	1.1	.3	.1									533	546	3			
78/ 77		.4	5.5	10.6	11.0	4.6	1.5	.2										504	518	17	5		
76/ 75		.6	3.6	3.8	3.5	2.1	.6											210	210	110	22		
74/ 73		.7	.9	.3	.1	.1												30	30	381	117		
72/ 71		.3	.2															7	7	491	273		
70/ 69	.1	.1	.1															3	3	314	362		
68/ 67																				129	302		
66/ 65																				42	195		
64/ 63																				5	111		
62/ 61																					63		
60/ 59																					30		
58/ 57																					10		
56/ 55																					2		
TOTAL	.1	2.3	12.7	28.6	32.5	17.2	5.2	1.1	.3									1492	1519	1492	1492		

Element (X)	Σ X <sup>1</sup>	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7790556	107024	71.7	8.726	1492	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	9340843	119077	78.4	2.020	1519			84.0	83.4	25.3		84
Wet Bulb	7630400	106636	71.5	2.447	1492			81.4	28.8			84
Dew Point	6977024	101892	68.2	3.531	1492			60.9	8.1			84

2

## 2

46-72

FEB

HOURS ( ) S T )

USAFETAC  
FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

46-72

**FEB**  
**MONTH**

PAGE 1 2100-2300  
HOURS 11-5 P

[illegible]

USAFETAC FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

0000-0200

USAFETAC FORM 0-20-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

46-72  
YEARS

MAR  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79						.1												1															1			
78/ 77			.3	2.9	1.7	.4												69														89				
76/ 75			3.1	23.7	25.6	3.8	.4											962														969		9		
74/ 73		.1	2.1	12.7	8.8	5.8	1.6	.1										530													531		167	42		
72/ 71		.2	1.3	1.4	.9	1.5	.5											100													100		600	222		
70/ 69			.2	.4	.1	.1												14													14		557	509		
68/ 67				.1	.1													2													2		210	472		
66/ 65																																	113	183		
64/ 63																																	34	131		
62/ 61																																	8	78		
60/ 59																																		40		
58/ 57																																		13		
56/ 55																																		5		
TOTAL	.4	7.1	41.1	37.2	11.7	2.5	.1																									1702		1695		
																																	1698		1698	

Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	10715271	134251	79.2	6.959	1695	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Dry Bulb	9498567	127129	74.7	1.419	1702			93.0	86.7			93
Wet Bulb	8324840	118830	70.0	2.282	1698			84.5	9.6			93
Dew Point	7786384	114758	67.7	3.152	1695			68.3	2.3			93

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10715271	134251	79.2	6.959	1695	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	9498567	127125	74.7	1.415	1702			93.0	86.7			93
Wet Bulb	8324840	118830	70.0	2.282	1698			84.5	9.6			93
Dew Point	7786384	114758	67.7	3.152	1695			68.3	2.3			93





## PSYCHROMETRIC SUMMARY

46-72

YEARS

MAR  
MONTH

PAGE 1 1200-1400

HOURS 11 5 1

USAFETAC FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

**46-72**

MAR

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
82/ 81					.1													1	1				
80/ 79				.4	2.0	1.1	.1	.1										62	62				
78/ 77		.5	9.4	21.4	6.8	.9	.2											666	666				
76/ 75		1.5	13.2	20.6	6.3	1.6	.1											738	738	34	2		
74/ 73		.8	2.8	2.7	3.5	.8												180	180	291	67		
72/ 71	.1	.9	.7	.4	.5	.1	.1											46	46	686	302		
70/ 69		.1		.1														4	4	426	513		
68/ 67		.1																2	2	170	435		
66/ 65																				77	168		
64/ 63																				14	107		
62/ 61																					74		
60/ 59																					19		
58/ 57																					8		
TOTAL	.1	3.9	26.5	47.2	18.2	3.5	.5												1699		1695		
																		1699		1699			
																			</				

2

## YEARS

**46-72**

MAR

MONTH

HOURS (L, S, T)

0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

## PSYCHROMETRIC SUMMARY

21603  
STATIC

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72

YEARS

APR  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

APP.

MONTH

HOURS (L, S, T)

## PSYCHROMETRIC SUMMARY

21603

JOHNSTON ISLAND/PACIFIC IS

45-72

APR

STATION

STATION NAME

YEARS

**MONTH**

PAGE 1 0600-0800

HOURS 12-5-1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81				.2	.1	.1												5	5						
80/ 79			2.1	3.9	2.7	.5												158	161						
78/ 77			.6	1.5	20.9	6.2	.2											672	687	1					
76/ 75			2.9	15.8	18.5	3.0	.4	.1										692	703	80	11				
74/ 73	.1	1.9	3.9	1.6	.8	.3	.1											148	150	415	128				
72/ 71		1.0	.4	.1		.1												26	26	722	397				
70/ 69	.1	.1	.1															3	3	402	565				
68/ 67		.1																1	1	61	441				
66/ 65																				17	106				
64/ 63																				6	34				
62/ 61																				1	11				
60/ 59																					7				
58/ 57																					3				
56/ 55																					1				
54/ 53																					1				
TOTAL	.2	6.5	33.8	45.1	12.7	1.5	.2											1705	1736	1705	1705				
																						1705		1705	

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

<u>21603</u>	<u>JOHNSTON ISLAND/PACIFIC IS</u>
STATION	STATION NAME

43-72

APR  
MONTH

PAGE 1 1200-1400

## PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS

45-72

**APR**

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
88/ 87							.1											1	1						
86/ 85							.3											10	10						
84/ 83				.2	1.3	2.3	.5											73	73						
82/ 81			.8	4.9	10.7	4.6	.2											363	366						
80/ 79		.1	3.9	14.9	16.9	3.5	.4											678	688						
78/ 77		.6	5.2	11.1	6.0	1.1	.2	.1										413	425	27	6				
76/ 75	.1	1.1	2.4	3.2	.5	.1	.1											128	129	297	40				
74/ 73	.1	.9	.8	.1														33	35	658	244				
72/ 71		.5																9	10	540	431				
70/ 69																				157	598				
68/ 67																				22	303				
66/ 65																				6	82				
64/ 63																				1	28				
62/ 61																					8				
60/ 59																					6				
58/ 57																					1				
56/ 55																					1				
TOTAL	.2	3.2	13.1	34.4	35.4	11.8	1.9	.1										1708	1737	1708					
																						1708		1708	



## PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-72  
STATION      STATION NAME

APR

PAGE 1 2100-2300  
HOURS 12. S. T. 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
80 / 79			1.4	1.4	.2													51	51															
78 / 77		1.0	1.5	1.2	3.9	3.2	.1											736	747	1														
76 / 75		2.7	17.8	20.3	3.4	.4	.1											761	777	71	7													
74 / 73	.2	2.1	4.6	.8	.5	.2												142	147	439	125													
72 / 71	.1	.3	.2															11	11	767	466													
70 / 69	.1																	1	1	372	581													
68 / 67																				38	385													
66 / 65																				11	97													
64 / 63																				3	23													
62 / 61																					13													
60 / 59																					3													
58 / 57																					2													
TOTAL	.4	6.1	39.2	46.5	7.2	.6	.1												1702	1734	1702	1702												
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	10911564	135938	79.9	5.648	1702	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																							
Dry Bulb	10088166	132240	76.3	1.348	1734			90.0	89.4	.7		90																						
Wet Bulb	8742058	121944	71.6	1.728	1702			89.3	27.0			90																						
Dew Point	8233662	118330	69.5	2.284	1702			82.7	7.0			90																						

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200  
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
80/ 79			2.1	5.9	1.0													158	158													
78/ 77	.1	1.9	23.2	29.3	3.1													1016	1024													
76/ 75	.1	2.7	13.2	14.0	.7	.1												544	566	134	23											
74/ 73	.1	.7	1.6	.1														44	44	719	199											
72/ 71	.1	.1																4	4	702	640											
70/ 69	.1																	1	1	207	600											
68/ 67																					3	262										
66/ 65																						40										
64/ 63																						1										
62/ 61																						1										
TOTAL	.5	5.4	40.1	49.2	4.8	.1												1767	1797		1767											
			</																													

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	11473661	142089	80.4	5.209	1767	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	93
Dry Bulb	10643789	138281	77.0	1.276	1797			93.0	92.7	.7		93
Wet Bulb	9272017	127971	72.4	1.906	1767			93.0	45.0			93
Dew Point	8763296	124390	70.4	1.951	1767			90.8	11.7			93

## PSYCHROMETRIC SUMMARY

45-72

MAY

PAGE 1      0300-0500  
HQ RS      S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79			1.2	2.5	.5													73	73																
78/ 77		1.3	2.1	2.7	2.1	.1												915	923																
76/ 75	.1	3.7	18.1	15.8	1.2													685	767	95	10														
74/ 73	.1	1.9	2.4	.3	.1													84	85	627	188														
72/ 71	.1	.2	.2															9	9	776	583														
70/ 69																				249	625														
68/ 67																				19	307														
66/ 65																					45														
64/ 63																					8														
TOTAL	.2	7.1	43.0	45.9	3.8	.1													1797		1766														
																		1766		1766															

## PSYCHROMETRIC SUMMARY

**45-72**

MAY  
MON.

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81			.1	.5	1.1	.3												35	35																
80/ 79			4.0	16.1	8.2	.6												510	517																
78/ 77		1.6	17.8	27.2	5.8	.2												930	947	7															
76/ 75		2.0	6.4	5.7	.5													258	263	205	33														
74/ 73		.7	.8	.2														29	29	793	239														
72/ 71	.1	.1																4	4	627	612														
70/ 69																				127	613														
68/ 67																				7	243														
66/ 65																					21														
64/ 63																					5														
TOTAL	.1	4.4	29.1	49.8	15.6	1.0														1795	1766														
																		1766		1766															

## PSYCHROMETRIC SUMMARY

YEARS

**SAY**  
**MONTH**

PAGE 1 0900-1100  
HOURS L. S. T.

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

65-72

MAY

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point																
88/ 87						.3	.5	.1																								15	15			
86/ 85					.2	.9	4.0	1.3	.1																								114	114		
84/ 83		.1	.6	3.6	10.4	10.2	1.1		.1																								459	460		
82/ 81		.2	1.8	11.1	19.0	7.5	.3	.1																									707	726	1	
80/ 79		.2	2.9	9.1	7.8	1.3	.2																										377	383	26	4
78/ 77		.4	1.5	1.0	.7	.1																											65	68	182	28
76/ 75	.1	.3	.7	.1																													22	23	635	154
74/ 73		.2	.1																														4	4	692	352
72/ 71	.2		.1																														4	4	210	625
70/ 69																																			19	428
68/ 67																																			2	149
66/ 65																																				17
64/ 63																																			8	
62/ 61																																			2	
TOTAL	.3	1.4	7.6	25.0	38.7	23.3	3.3	.3	.1																								1767	1797	1767	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	9136762	126440	71.6	7.106	1767	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	11990737	146742	81.7	2.071	1797			93.0	92.8	83.2		93
Wet Bulb	9800526	131558	74.5	1.792	1767			93.0	80.8	.4		93
Dew Point	9029893	126245	71.4	2.403	1767			91.8	28.2	.1		93

## PSYCHROMETRIC SUMMARY

24Y

STATION

STATION NAME

YEARS

MONTH \_\_\_\_\_

**1500-1700**  
HOURS: 11:55 A.M. - 1:00 P.M.

## PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS  
STATION      STATION NAME

**45-72**

MAY  
MONTH

PAGE 1 1900-2000

HOURS 11 5 T

21

## 1

MAY

YEARS

MONTH

HOURS (L, S, T)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

JUN  
MONTH

HOURS (L, S, T)

[illegible]

## PSYCHROMETRIC SUMMARY

45-72

YEARS

**JUN**  
MONTH

PAGE 1 C900-1100  
HOURS 11.5. T.1

## PSYCHROMETRIC SUMMARY

21603	JOHNSTON ISLAND/PACIFIC IS	45-72
STATION	STATION NAME	

\_\_\_\_\_  
YEARS

\_\_\_\_\_  
JUN  
MONTH

PAGE 1 1200-1400  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
88/ 87					.1		1.8	.3										38	38													
86/ 85				.5	2.9	8.7	1.9	.1										237	237													
84/ 83			.7	4.5	19.5	21.2	1.6											807	808													
82/ 81		.1	2.8	8.5	14.7	3.6	.1											504	515	2												
80/ 79		.4	1.8	2.5	.9													95	95	33	8											
78/ 77		.2	.4	.1														12	12	244	35											
76/ 75	.1	.2																4	4	831	187											
74/ 73		.1																2	2	548	381											
72/ 71																				43	676											
70/ 69																					356											
68/ 67																					50											
66/ 65																					5											
TOTAL	.1	.9	5.7	16.1	38.0	33.5	5.4	.4										1699	1711	1699	1698											

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

1000

USAFETAC

2

## YEARS

1112

STATION

STATION NAME

YEARS

MONTH

HOURS		S	T
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

## PSYCHROMETRIC SUMMARY

21603

JURNSTON ISLAND/PACIFIC IS

45-72

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS: 5-7

[illegible]

## PSYCHROMETRIC SUMMARY

45-72

PAGE 1 2100-2300  
HOURS S. T.

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-71

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81			.3	.6	.1													16	16																
80/ 79		.3	1.7	9.2	4.5													1093	1093																
78/ 77		1.2	10.6	20.9	2.1													612	612	31	4														
76/ 75		.9	1.0	.3													38	38	539	79															
74/ 73		.1	.1													3	3	881	539																
72/ 71																299	685																		
70/ 69																12	389																		
68/ 67																	65																		
66/ 65																	1																		
TOTAL	2.5	29.9	61.0	6.7													1762	1762	1762																

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						- 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	11094875	139615	79.2	4.279	1762							
Dry Bulb	10929391	138759	78.8	1.066	1762			93.0	93.0	24.3		93
Wet Bulb	9601677	130047	73.8	1.383	1762			93.0	76.6			93
Dew Point	9068796	126370	71.7	1.781	1762			92.9	32.6			93

FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (O.L.A.)

USAFETAC

## PSYCHROMETRIC SUMMARY

43-71

YEARS

JUL  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

2

## YEARS

JUL  
MONTH

STATION

STATION NAME

PAGE 1

0600-0800

HOURS S. T.

USAFETAC FORM 0-26-5 (OLA)  
MAY 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

45-71

**JUL**  
MONTH

PAGE 1 0900-1100

HOURS 11.5. T.1

## PSYCHROMETRIC SUMMARY

45-71

JUL  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

YEARS

JUL  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

JUL

PAGE 1 1800-2000  
NOV 15 1951

## PSYCHROMETRIC SUMMARY

444

STATION

STATION NAME

YEARS

MONTH

**HOURS (L.S.T.)**

## PSYCHROMETRIC SUMMARY

AUC

STATION

STATION NAME

YEARS

MONTH

HOURS U.S.T.

2

## YEARS

**45-71**

AUG  
MONTH

HOURS (L - S - T)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

2

## 2

AUG

STATION

STATION NAME

YEARS

MONTH

HOURS (L. S. T.)

0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

## PSYCHROMETRIC SUMMARY

45-71

AUG

PAGE 1 0900-1100  
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89				.1		.2	.1		.1									7	7																
88/ 87				.2		.7	.1											28	28																
86/ 85			.2	1.5	6.7	7.1	.9											288	288																
84/ 83		.1	.9	7.8	24.6	9.4	.2											757	757	2															
82/ 81		.2	2.2	14.6	13.6	1.6												566	566	11	3														
80/ 79		.3	2.6	1.8	.2													87	87	87	19														
78/ 77		.4	.5															16	16	441	78														
76/ 75		.5	.1															10	10	931	299														
74/ 73	.1	.1																4	4	279	640														
72/ 71																				12	567														
70/ 69																					148														
68/ 67																					9														
TOTAL	.1	1.5	6.4	26.0	45.7	19.0	1.2		.1											1763	1763														
																		1763		1763															

## PSYCHROMETRIC SUMMARY

21603	JOHNSTON ISLAND/PACIFIC IS
STATION	STATION NAME

49-71

YEARS

AUG  
MONTH

PAGE 1 1200-1400  
HOURS: 11:51

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
92/ 91					.1	.2	.1	.1										7	7													
90/ 89				.2	.2	.8	.5	.1										32	32													
88/ 87				.3	1.0	2.4	.5											76	76													
86/ 85			.1	2.6	14.1	21.4	2.0	.1										712	712													
84/ 83		.1	.7	6.6	18.7	10.4	.2											647	647	5												
82/ 81			1.2	5.8	5.3	.2												221	221	20	5											
80/ 79		.2	1.5	.8	.1													47	47	137	18											
78/ 77		.6	.3	.1														18	18	568	96											
76/ 75	.1	.2																4	4	866	334											
74/ 73		.1																2	2	164	610											
72/ 71																				6	563											
70/ 69																					132											
68/ 67																					7											
66/ 65																					1											
TOTAL	.1	1.1	3.9	16.4	39.5	35.4	3.4	.2												1766	1766											
																		1766		1766												

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	8784122	124026	70.2	6.466	1766	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Dry Bulb	12510864	148598	84.1	2.028	1766			93.0	93.0	90.4		93
Wet Bulb	10296838	134818	76.3	1.634	1766			93.0	92.7	4.1		93
Dew Point	9481833	129347	73.2	2.140	1766			92.9	56.0	.7		93

## PSYCHROMETRIC SUMMARY

45-71

YEARS

**AUG**  
MONTH

PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
92/ 91							.2											3	3													
90/ 89					.2	.3	.2	.5	.1									20	20													
88/ 87				.1	.6	.9	.2											32	32													
86/ 85			.1	1.4	7.5	10.0	.4											341	341													
84/ 83			.6	6.9	21.2	9.3	.1											673	673	3												
82/ 81			2.2	13.9	14.5	1.2												563	563	10	4											
80/ 79		.6	2.0	1.5	1.1	.1												95	95	76	9											
78/ 77		.8	.7															27	27	472	76											
76/ 75	.1	.5	.1															12	12	919	306											
74/ 73																				276	631											
72/ 71																				10	586											
70/ 69																					146											
68/ 67																					9											
TOTAL	.1	1.9	5.7	24.2	45.2	21.6	1.3	.1											1766	1766	1767											
																		1766		1766												

## PSYCHROMETRIC SUMMARY

45-71

AUG

PAGE 1 1800-2000

HOURS: 11 A.M. - 5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
88/ 87				.1														1	1													
86/ 85				.2		.1												7	7													
84/ 83		.1	.1	1.1	2.3	.2												65	65													
82/ 81			4.9	29.5	11.1	.2												807	807	2	1											
80/ 79		1.0	9.5	27.4	7.3	.1												797	797	8												
78/ 77		.9	2.2	.6	.4													72	72	197	33											
76/ 75	.1	.7	.2															16	16	942	238											
74/ 73																				560	748											
72/ 71																				55	561											
70/ 69																				1	168											
68/ 67																					14											
66/ 65																					1											
TOTAL	.1	2.7	16.8	58.9	21.1	.5												1765	1765	1765	1765											

Element (X)	Σ x'	Σ x	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	10642851	136769	77.5	5.033	1765	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	11440394	142082	80.5	1.267	1765			93.0	93.0	79.3		93
Wet Bulb	9928461	132358	75.0	1.375	1765			93.0	90.0	.2		93
Dew Point	9351083	128431	72.8	1.805	1765			92.9	53.8	.1		93

21

**4th**  
**MONTH**

45-71

YEARS

HOURS (L, S, T)

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

## PSYCHROMETRIC SUMMARY

45-71

SEP  
MONTH

PAGE 1 0000-0200

HOURS (L, S, T)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 4-73

**USAFETAC**

2

## 1

1

1

1

1

1

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

21003  
STATION

JOHNSTON ISLAND/PACIFIC IS

49-71

YEARS

SEP  
MONTH

PAGE 1 0600-0800  
HOURS L. S. T.

## PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

**MONTH**

PAGE 1 0900-1100

HOURS 11 5 T

## PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

**MONTH**

PAGE 1 1200-1400

1200-100  
HOURS 11 5 11

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

21603

JOHNSTON ISLAND/PACIFIC IS

45-71

SER

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS U. S. 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91								.1										1	1																
90/ 89							.2											4	4																
88/ 87				.1	.2	1.9	.8											52	52																
86/ 85				.6	6.9	8.5	.4											281	281																
84/ 83		.1	.5	7.0	21.5	7.8	.1											632	632																
82/ 81			1.6	14.9	15.5	1.6												575	575	6	1														
80/ 79		.2	2.2	4.1	1.1	.1												131	131	41	5														
78/ 77		.4	.8	.1	.1													24	24	440	41														
76/ 75		.2	.1	.1														8	8	920	250														
74/ 73																				273	665														
72/ 71																				27	594														
70/ 69																				1	132														
68/ 67																					13														
66/ 65																					2														
TOTAL		.8	5.3	26.9	45.5	20.0	1.4	.1										1708	1708	1705															

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	8908490	122848	72.1	5.788	1705	$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Dry Bulb	11745376	141596	82.9	2.001	1708			90.0	90.0	86.7		90
Wet Bulb	9804920	129384	75.8	1.503	1708			90.0	88.5	.7		90
Dew Point	9060372	124250	72.9	1.875	1703			89.9	50.8	.2		90

2

## YEARS

45-71

SEP  
MONTH

HOURS (1 - 5 - 10)

21

## YEARS

45-71

SEP  
MONTH

PAGE 1      2100-2300  
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

43-71

OCT  
MONTH

HOURS		U	S	T
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83					.2													3	3					
82/ 81			1.8	5.8	1.4													159	159					
80/ 79		.8	17.3	39.3	5.7	.2												1118	1118					
78/ 77		1.9	12.3	7.8	1.1													409	409	81	6			
76/ 75	.3	2.0	1.2	.2														65	65	740	156			
74/ 73	.1	.4	.3															13	13	770	704			
72/ 71																				161	634			
70/ 69																				15	219			
68/ 67																					42			
66/ 65																					6			
TOTAL	.3	5.2	32.9	53.1	8.3	.2												1767	1767	1767	1767			

2

1.

act

STATION

STATION NAME

YEARS

MONTH

HOURS: 11 A.M. - 5 P.M.

USAFETAC  
FORM  
JUL 64  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
86/ 85					.1													1	1						
84/ 83				.7	2.0	.4												54	54						
82/ 81		.1	2.3	11.7	8.6	1.0												419	419						
80/ 79		.0	16.5	30.6	7.4	.2												973	973	1					
78/ 77		1.5	8.1	4.5	.7													262	262	109	7				
76/ 75		1.3	1.0	.2														45	45	816	176				
74/ 73	.1	.2	.1															5	5	679	708				
72/ 71		.1																2	2	144	580				
70/ 69	.1																	1	1	13	238				
68/ 67																					51				
66/ 65																					2				
TOTAL	.1	3.8	27.9	47.8	18.8	1.6													1762	1762	1762				

## PSYCHROMETRIC SUMMARY

43-71

NCT

PAGE 1 0900-1100

HOURS: 9:00 A.M. - 5:00 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87				.1	.2	.8	.2	.1										22	22					
86/ 85			.1	.8	4.4	5.7	.6	.1										207	207					
84/ 83				.7	9.8	21.6	9.3	.3										740	741					
82/ 81		.1	2.9	17.5	11.6	1.8												599	599	4	2			
80/ 79		.4	3.1	3.6	.7	.1												140	140	52	9			
78/ 77		.3	1.6	.4														42	42	443	58			
76/ 75		.4	.1															9	9	931	303			
74/ 73		.2	.2															6	6	294	687			
72/ 71		.1																2	2	39	509			
70/ 69																				4	161			
68/ 67																					36			
66/ 65																					1			
64/ 63																					1			
TOTAL	1.5	8.7	32.3	38.5	17.8	1.1	.1											1767	1768	1767				

Element (X)	Σ x²	Σ x	̄x	s²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	9537332	129298	73.2	6.965	1767	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	12060782	145985	82.6	1.947	1768			93.0	92.9	88.1		93
Wet Bulb	10135815	133799	75.7	1.582	1767			93.0	90.7	1.2		93
Dew Point	9417215	128943	73.0	2.112	1767			92.9	55.7	.2		93

## PSYCHROMETRIC SUMMARY

21603  
STAT-0

JOHNSTON ISLAND/PACIFIC IS

45-71

DC T

PAGE 1 1200-1400

12000140  
HOURS 11 5 1

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

OCT  
MONTH

PAGE 1      1500-1700  
HOURS 11 - 5 - T.

## PSYCHROMETRIC SUMMARY

21603	JOHNSTON ISLAND/PACIFIC IS
STATION	STATION NAME

45-71

ACT

**PAGE 1 1800-2000**  
HOURS (L. S. T.)

[illegible]

2

## YEARS

45-71

  OCT    
MONTH

HOURS 11.5. T.J.

[illegible]

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

NOV

STATION

STATION NAME

YEARS

MONTH

HOURS U. S. T.

[illegible]

DATA PROCESSING BRANCH  
USAF ETAL  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-71

NOV  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																		TOTAL D.B. W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb Dew Point																		
84/ 83					.4	.1												8															8				
82/ 81			.4	2.3	2.8	1.0	.2											109															109				
80/ 79		.4	10.5	22.0	9.9	1.3		.1										724															729	1			
78/ 77		2.4	16.8	19.6	4.3	.7	.1											657															657	26	6		
76/ 75	.1	1.9	3.0	1.7	.3	.2												122															123	389	75		
74/ 73	.1	.8	.2		.1													19															19	735	397		
72/ 71		.2																4															4	393	567		
70/ 69	.1																	1															1	80	389		
68/ 67																																			13	143	
66/ 65																																			7	43	
64/ 63																																				13	
62/ 61																																				6	
60/ 59																																				5	
TOTAL	.2	5.7	31.0	41.5	17.8	3.3	.5	.1																									1644	1650	1644		
																		1644																	1644		
Element (X)	Σ x <sup>2</sup>			Σ x			x̄			s <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.	10171287			128827			78.4			6.800			1644			≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F																Total					
Dry Bulb	10166695			129492			78.5			1.959			1650			90.0 89.7 21.2																90					
Wet Bulb	8837818			120502			79.3			1.789			1644			89.6 89.0																90					
Dew Point	8912122			116828			71.1			2.460			1644			86.3 26.2																90					

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

NOV  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

2

## YEARS

NDV

STATION

STATION NAME

YEARS

MON: H

HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 1041

**USAFETAC**

## PSYCHROMETRIC SUMMARY

21603	JOHNSTON ISLAND/PACIFIC IS
STATION	STATION NAME

45-71

NOV

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS  
STATION      STATION NAME

45-71

YEARS

NOV  
 MONTH

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81			.1	1.1	.3													25	25					
80/ 79		.4	1.9	2.5	7.4	.5												822	822					
78/ 77		2.4	16.6	16.7	5.6	.8												695	698	16	2			
76/ 75	.2	1.4	1.8	1.3	.5	.4												91	91	464	67			
74/ 73		.2	.2	.2	.1	.1												14	14	760	470			
72/ 71	.1	.1																3	3	315	582			
70/ 69																				72	329			
68/ 67																				19	140			
66/ 65																				3	34			
64/ 63																				1	17			
62/ 61																					5			
60/ 59																					3			
58/ 57																					2			
TOTAL	.4	4.5	12.5	40.8	13.9	1.8													1653		1650			
																		1650			1650			

AD-A102 409

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JOHNSTON ISLAND, PACIFIC ISLAND. REVISED UNIFORM SUMMARY OF SIB--ETC  
JUN 73

UNCLASSIFIED USAFETAC/DS-81/071

SBIE-AD-E850 0R1

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5 OF 5

AD  
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DATE  
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8-81  
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## PSYCHROMETRIC SUMMARY

21603  
STATIC

JOHNSTON ISLAND/PACIFIC IS

45-71

DEC

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS  
STATION      STATION NAME

45-71

DEC  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

43-71

DEC

STATION

STATION NAME

YEARS

**MONTH**

PAGE 1 0600-0800

HOURS 11 5 T

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS  
STATION      STATION NAME

45-71

DEC  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
86/ 85				.1	.1	.1												2	2													
84/ 83			.1	1.0	1.2	.9		.1	.1									58	58													
82/ 81		.1	1.2	5.2	8.7	4.7	.6	.2	.1									344	346													
80/ 79		.2	4.4	17.5	15.4	5.4	1.0	.2										723	760	6	1											
78/ 77		.7	6.1	7.9	4.4	2.0	1.2	.2										368	383	58	1											
76/ 75	.1	1.5	2.4	.9	.6	.6	.4											106	112	287	71											
74/ 73		.7	.6	.3														27	27	616	264											
72/ 71		.3	.1															6	6	423	426											
70/ 69			.1															2	2	154	417											
68/ 67																				62	219											
66/ 65																				25	109											
64/ 63																				5	57											
62/ 61																					29											
60/ 59																					23											
58/ 57																					8											
56/ 55																					1											
TOTAL	.1	3.6	15.0	32.9	30.4	15.6	3.5	.8	.1									1636	1696	1636	1636											

Element (X)	Σ x'	Σ x	x̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8995009	120513	73.7	8.482	1636	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10634831	134383	79.2	1.980	1696			93.0	92.6	45.2		93
Wet Bulb	8673858	119060	72.8	2.380	1636			91.3	59.0	.2		93
Dew Point	8014257	114371	69.9	3.282	1636			80.1	19.7			93

2

## YEARS

45-71

DEC

**MONTH**

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**21603**

JOHNSTON ISLAND/PACIFIC IS

45-71

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

**1500-1700**

**1900270**  
HOURS ( ) S T )

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
88 / 87						.1												1	1					
86 / 85						.1			.1									4	4					
84 / 83			.1	.8	1.8	.7	.1	.1										61	61					
82 / 81		.1	1.0	5.2	7.5	3.8	.5											295	296					
80 / 79		.4	4.5	15.7	16.6	4.3	1.3											702	721	4				
78 / 77		.2	5.5	9.6	5.9	2.4	1.2	.1										406	431	59	10			
76 / 75		1.5	3.5	1.4	1.0	.7	.1											135	152	282	51			
74 / 73	.1	.9	.4	.1	.1	.1												25	26	574	266			
72 / 71		.1	.1															2	2	472	421			
70 / 69	.1		.1															3	3	157	449			
68 / 67			.1															1	1	68	215			
66 / 65																				17	108			
64 / 63																				2	61			
62 / 61																					41			
60 / 59																					10			
58 / 57																					2			
56 / 55																					1			
TOTAL	.1	3.2	15.3	32.7	33.0	12.2	3.2	.2	.1									1635	1698	1635				
																		1635		1635				

## PSYCHROMETRIC SUMMAR

45-71

DEC  
MONTH

PAGE 1 1800-2000  
HOURS (L S T)

[illegible]

## PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS  
STATION      STATION NAME

45-71

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

2.000291  
HOURS 11 5 1

[illegible]

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS

49-72

STATION

STATION NAME

YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	75.2	75.0	75.1	75.8	77.0	78.0	78.8	79.3	79.5	79.1	78.1	76.5	77.3
	S D	1.586	1.365	1.441	1.365	1.276	1.098	1.066	1.044	1.087	1.336	1.306	1.373	2.098
	TOTAL OBS	1637	1519	1701	1735	1797	1712	1762	1763	1710	1767	1651	1699	20453
03-05	MEAN	74.8	74.6	74.7	75.5	76.6	77.7	78.4	79.0	79.1	78.8	77.7	76.2	77.0
	S D	1.594	1.375	1.415	1.384	1.269	1.041	1.063	1.077	1.125	1.351	1.312	1.400	2.105
	TOTAL OBS	1636	1519	1702	1736	1797	1712	1767	1763	1707	1767	1652	1698	20456
06-08	MEAN	75.3	75.2	75.4	76.4	77.8	78.9	79.5	80.1	80.2	79.7	78.5	76.7	77.8
	S D	1.772	1.610	1.708	1.653	1.471	1.428	1.377	1.393	1.487	1.575	1.559	1.630	2.409
	TOTAL OBS	1643	1519	1702	1736	1795	1711	1767	1764	1704	1762	1650	1699	20452
09-11	MEAN	78.1	78.0	78.3	79.3	80.6	81.7	82.4	83.0	83.2	82.6	81.2	79.2	80.7
	S D	2.065	2.087	2.104	1.993	1.897	1.984	1.736	1.866	1.893	1.947	1.871	1.980	2.686
	TOTAL OBS	1642	1517	1702	1736	1792	1710	1765	1763	1710	1768	1653	1696	20454
12-14	MEAN	79.3	79.4	79.6	80.4	81.7	82.9	83.6	84.1	84.3	83.5	82.1	80.3	81.8
	S D	2.316	2.213	2.341	2.253	2.071	1.743	1.904	2.028	1.993	2.096	1.998	2.219	2.782
	TOTAL OBS	1645	1520	1703	1735	1797	1711	1765	1766	1709	1767	1650	1695	20463
15-17	MEAN	78.2	78.4	78.4	79.2	80.5	81.9	82.7	83.1	82.9	82.1	80.7	79.1	80.6
	S D	2.207	2.020	2.227	2.164	2.184	1.893	1.956	2.024	2.001	2.054	1.951	2.088	2.736
	TOTAL OBS	1645	1519	1701	1737	1798	1712	1764	1766	1708	1766	1651	1698	20465
18-20	MEAN	76.0	76.0	76.1	76.9	78.1	79.3	80.0	80.5	80.5	80.0	78.8	77.2	78.3
	S D	1.586	1.469	1.608	1.525	1.516	1.329	1.298	1.267	1.323	1.374	1.350	1.502	2.233
	TOTAL OBS	1645	1519	1699	1735	1797	1713	1765	1765	1710	1765	1654	1699	20466
21-23	MEAN	75.5	75.4	75.5	76.3	77.5	78.5	79.3	79.9	80.0	79.5	78.4	76.8	77.7
	S D	1.474	1.340	1.408	1.348	1.264	1.088	1.028	1.070	1.060	1.267	1.270	1.402	2.101
	TOTAL OBS	1645	1519	1700	1734	1796	1711	1760	1766	1708	1759	1653	1696	20447
ALL HOURS	MEAN	76.6	76.5	76.6	77.5	78.7	79.9	80.6	81.1	81.2	80.7	79.4	77.8	78.9
	S D	2.444	2.427	2.515	2.465	2.444	2.359	2.383	2.389	2.382	2.354	2.226	2.253	2.961
	TOTAL OBS	13138	12151	13610	13884	14369	13692	14115	14116	13666	14121	13214	13580	163656

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS 45-72

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	70.3	70.0	70.2	71.4	72.4	73.2	73.8	74.6	74.4	74.3	73.3	71.7	72.5											
	S D	2.480	2.265	2.295	1.790	1.506	1.305	1.383	1.349	1.302	1.387	1.766	2.153	2.410											
	TOTAL OBS	1559	1489	1698	1702	1767	1697	1762	1763	1707	1767	1648	1639	20198											
03-05	MEAN	70.0	69.7	70.0	71.1	72.1	72.9	73.6	74.3	74.2	74.1	73.0	71.5	72.3											
	S D	2.489	2.329	2.282	1.777	1.513	1.313	1.409	1.315	1.346	1.398	1.748	2.155	2.422											
	TOTAL OBS	1558	1489	1698	1703	1766	1697	1767	1762	1704	1767	1649	1635	20195											
06-08	MEAN	70.1	69.9	70.3	71.5	72.7	73.5	74.1	74.7	74.6	74.5	73.3	71.5	72.6											
	S D	2.517	2.458	2.395	1.876	1.510	1.362	1.379	1.372	1.329	1.424	1.789	2.237	2.520											
	TOTAL OBS	1565	1489	1698	1705	1766	1697	1767	1764	1701	1762	1644	1637	20195											
09-11	MEAN	71.4	71.3	71.8	72.9	74.0	74.7	75.3	75.9	76.0	75.7	74.5	72.8	73.9											
	S D	2.601	2.588	2.514	1.983	1.655	1.374	1.588	1.574	1.432	1.582	1.858	2.380	2.576											
	TOTAL OBS	1564	1488	1701	1702	1765	1698	1765	1763	1707	1767	1645	1636	20201											
12-14	MEAN	72.0	71.9	72.4	73.4	74.5	75.1	75.8	76.3	76.3	76.0	75.0	73.3	74.4											
	S D	2.605	2.574	2.574	2.050	1.792	1.490	1.693	1.634	1.514	1.671	1.929	2.437	2.579											
	TOTAL OBS	1567	1492	1702	1701	1767	1699	1765	1766	1709	1766	1646	1635	20215											
15-17	MEAN	71.5	71.5	71.7	72.8	73.9	74.7	75.4	75.9	75.8	75.4	74.3	72.7	73.9											
	S D	2.493	2.447	2.429	1.912	1.772	1.452	1.608	1.557	1.503	1.594	1.895	2.323	2.516											
	TOTAL OBS	1567	1492	1699	1708	1768	1700	1764	1766	1708	1765	1648	1635	20220											
18-20	MEAN	70.8	70.5	70.7	71.8	73.0	73.7	74.4	75.0	74.9	74.6	73.6	72.0	73.0											
	S D	2.449	2.292	2.226	1.787	1.611	1.340	1.423	1.375	1.319	1.398	1.723	2.177	2.406											
	TOTAL OBS	1570	1492	1699	1702	1767	1701	1765	1765	1710	1765	1651	1635	20222											
21-23	MEAN	70.6	70.3	70.5	71.6	72.7	73.6	74.1	74.8	74.7	74.5	73.4	71.9	72.8											
	S D	2.438	2.248	2.204	1.728	1.548	1.266	1.369	1.326	1.261	1.394	1.755	2.126	2.380											
	TOTAL OBS	1568	1492	1699	1702	1765	1699	1760	1766	1708	1759	1650	1628	20196											
ALL HOURS	MEAN	70.9	70.6	71.0	72.1	73.2	73.9	74.6	75.2	75.1	74.9	73.8	72.2	73.2											
	S D	2.597	2.522	2.507	2.024	1.797	1.570	1.678	1.605	1.562	1.630	1.926	2.339	2.583											
	TOTAL OBS	12518	11923	12594	12625	14131	12588	14115	14115	12654	14118	12181	12080	161642											

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS 45-72

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	68.0	67.6	67.9	69.3	70.4	71.0	71.7	72.6	72.3	72.3	71.2	69.5	70.4											
	S D	3.444	3.230	3.132	2.344	1.951	1.709	1.781	1.734	1.684	1.809	2.412	2.986	2.969											
	TOTAL OBS	1500	1489	1699	1702	1767	1697	1762	1763	1704	1767	1648	1639	20193											
03-05	MEAN	67.7	67.3	67.7	69.1	70.2	70.8	71.5	72.3	72.1	72.1	71.0	69.2	70.2											
	S D	3.469	3.304	3.152	2.303	1.956	1.770	1.833	1.745	1.720	1.809	2.402	2.964	2.988											
	TOTAL OBS	1559	1489	1699	1702	1766	1697	1767	1762	1701	1766	1649	1635	20188											
06-08	MEAN	67.7	67.4	67.8	69.3	70.5	71.2	71.8	72.5	72.4	72.3	71.1	69.2	70.3											
	S D	3.533	3.429	3.288	2.468	1.981	1.835	1.805	1.794	1.723	1.861	2.460	3.123	3.099											
	TOTAL OBS	1565	1489	1699	1705	1766	1697	1767	1764	1698	1762	1644	1636	20188											
09-11	MEAN	68.4	68.2	68.7	70.2	71.2	71.8	72.5	73.1	73.1	73.0	71.8	69.9	71.1											
	S D	3.704	3.693	3.485	2.692	2.258	1.946	2.115	2.083	1.874	2.112	2.561	3.382	3.235											
	TOTAL OBS	1564	1488	1698	1702	1765	1698	1765	1763	1704	1767	1645	1636	20195											
12-14	MEAN	68.6	68.5	69.1	70.3	71.4	72.0	72.7	73.2	73.2	73.0	72.0	70.2	71.3											
	S D	3.751	3.738	3.581	2.829	2.403	2.128	2.238	2.140	1.954	2.221	2.655	3.399	3.267											
	TOTAL OBS	1567	1491	1699	1700	1767	1698	1765	1766	1706	1765	1646	1634	20204											
15-17	MEAN	68.5	68.3	68.7	70.0	71.2	71.8	72.5	73.0	72.9	72.7	71.7	69.9	71.0											
	S D	3.581	3.531	3.314	2.584	2.317	2.016	2.060	2.027	1.875	2.034	2.510	3.201	3.132											
	TOTAL OBS	1567	1492	1696	1708	1768	1700	1764	1767	1709	1765	1647	1635	20214											
18-20	MEAN	68.3	67.8	68.2	69.6	70.7	71.3	72.0	72.8	72.6	72.4	71.3	69.6	70.6											
	S D	3.413	3.289	3.004	2.380	2.106	1.800	1.836	1.805	1.739	1.853	2.345	3.012	2.974											
	TOTAL OBS	1570	1492	1695	1702	1767	1700	1765	1765	1707	1765	1651	1635	20214											
21-23	MEAN	68.2	67.8	68.2	69.5	70.7	71.3	71.9	72.7	72.6	72.4	71.3	69.6	70.6											
	S D	3.415	3.152	2.994	2.284	2.002	1.692	1.795	1.716	1.654	1.835	2.388	2.933	2.927											
	TOTAL OBS	1568	1492	1696	1702	1765	1699	1760	1766	1705	1759	1650	1628	20190											
ALL HOURS	MEAN	68.2	67.9	68.3	69.7	70.8	71.4	72.1	72.8	72.6	72.5	71.4	69.6	70.7											
	S D	3.555	3.449	3.282	2.528	2.169	1.907	1.979	1.910	1.812	1.971	2.494	3.148	3.098											
	TOTAL OBS	12520	11922	13569	13623	14131	13586	14115	14116	13630	14116	13180	13078	161586											

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

# RELATIVE HUMIDITY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ PERIOD \_\_\_\_\_ MONTH \_\_\_\_\_

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	00	100.0	99.9	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	100
	01	100.0	99.9	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	100
	02	100.0	99.9	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	100
	03	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	04	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	05	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	06	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	07	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	08	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	09	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	10	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	11	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	12	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	13	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	14	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	15	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	16	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	17	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	18	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	19	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	20	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	21	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	22	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	23	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	24	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100
	TOTALS	100.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	10000

## RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
Jan	100	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.7	99.9	15
Feb	100	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	100.0	16
Mar	100	100.0	100.0	100.0	100.0	99.9	97.9	96.9	96.9	96.7	119.7	16
Apr	100	100.0	100.0	100.0	100.0	99.9	92.9	86.9	86.9	86.9	86.9	16
May	100	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	100.0	16
Jun	100	100.0	100.0	100.0	100.0	99.9	92.9	81.0	76.9	76.9	76.9	16
Jul	100	100.0	100.0	100.0	100.0	100.0	98.9	95.0	93.9	93.9	97.9	16
Aug	100	100.0	100.0	100.0	100.0	100.0	99.9	98.9	99.9	99.9	99.9	16
Sep	100											
Oct	100											
Nov	100											
Dec	100											
TOTALS		100.0	100.0	100.0	100.0	99.9	98.9	96.6	96.9	96.2	96.9	135.6

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

[illegible]

# RELATIVE HUMIDITY

STATION WINDY HILLS STATION NAME 44-7 PERIOD MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01-31	100.0	100.0	100.0	100.0	100.0	100.0	98.0	96.7	95.7	95.4	170
FEB	01-28	100.0	100.0	100.0	100.0	100.0	100.0	98.7	96.7	95.7	95.7	170
MAR	01-31	100.0	100.0	100.0	100.0	100.0	99.0	96.7	95.7	95.7	95.0	170
APR	01-30	100.0	100.0	100.0	100.0	99.0	98.7	96.0	95.7	95.7	95.0	170
MAY	01-31	100.0	100.0	100.0	100.0	100.0	98.7	96.0	95.7	95.7	95.0	170
JUN	01-30	100.0	100.0	100.0	100.0	100.0	97.7	95.7	95.7	95.7	95.0	170
JUL	01-31	100.0	100.0	100.0	100.0	99.0	99.0	96.0	95.0	95.0	95.0	170
AUG	01-31	100.0	100.0	100.0	100.0	100.0	100.0	97.7	96.0	95.0	95.0	170
SEPT												
OCT												
NOV												
DEC												
TOTALS		100.0	100.0	100.0	100.0	100.0	99.1	92.0	91.3	90.4	90.1	14131

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STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

[illegible]

# RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	00-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	05-10	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	10-15	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	15-20	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	20-25	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	25-30	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	30-35	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	35-40	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	40-45	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	45-50	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	50-55	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	55-60	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	60-65	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	65-70	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	70-75	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	75-80	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	80-85	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	85-90	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	90-95	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	95-00	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	1713
	TOTALS	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.9	98.0	76.0	14113

USAF ETAC

FORM  
JUL 64

0-87-5 (OL 1)

# RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	00-01	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	78.3	1363
	01-02	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	78.3	1363
	02-03	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	03-04	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	04-05	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	05-06	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	06-07	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	07-08	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	08-09	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	09-10	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	10-11	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	11-12	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	12-13	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	13-14	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	14-15	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	15-16	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	16-17	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	17-18	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	18-19	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	19-20	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	20-21	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	21-22	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	22-23	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	23-24	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363
	TOTALS	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	78.3	1363

USAF ETAC

FORM  
JUL 64

0-87-5 (OL 1)

# RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1	00-00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	17.0
	01-00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	17.0
	02-00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	17.0
	03-00	100.0	100.0	100.0	100.0	99.0	99.0	98.0	97.0	96.0	95.0	17.0
	04-00	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	88.0	85.0	17.0
	05-00	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	88.0	17.0
	06-00	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	88.0	17.0
	07-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	08-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	09-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	10-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	11-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	12-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	13-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	14-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	15-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	16-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	17-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	18-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	19-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	20-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	21-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	22-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	23-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	24-00	100.0	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	17.0
	TOTALS	100.0	100.0	100.0	100.0	100.0	99.0	97.0	94.0	91.0	88.0	141.0

USAF ETAC

FORM  
JUL 64

0-87-5 (OL 1)



STATION

STATION NAME

PERIOD

**MONTH**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

DATA PROCESSING DIVISION  
 ETAC/USAF  
 AIR WEATHER SERVICE (MAC)  
 ASHEVILLE, NORTH CAROLINA

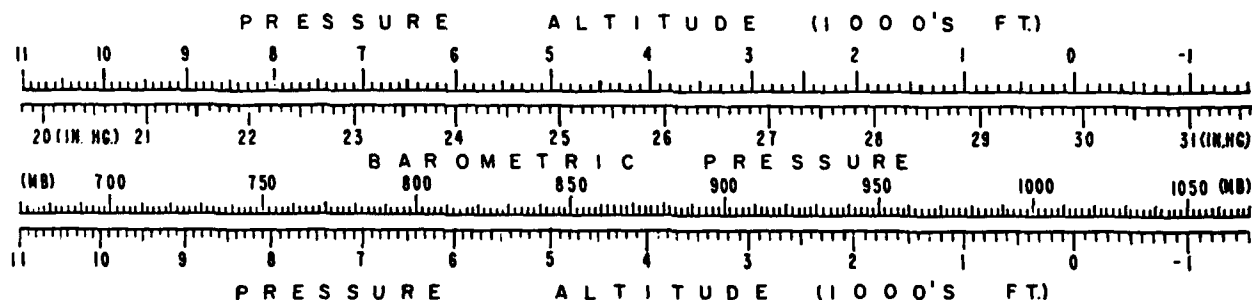
## PART F

## PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS

48-58.61-64.71

STATION

STATION NAME

YEARS

HRS LST	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29.90929	93029	94929	96029	95629	94829	94229	92329	90929	91829	91229	907	29.930
	S D	.086	.067	.057	.053	.045	.037	.037	.036	.039	.042	.060	.068	.057
	TOTAL OBS	371	347	381	359	372	360	403	400	390	391	383	393	4550
03	MEAN	29.88429	90529	91929	92929	92729	92229	91629	89429	87929	88929	88429	880	29.902
	S D	.085	.066	.059	.055	.048	.038	.037	.038	.040	.044	.059	.068	.058
	TOTAL OBS	371	347	381	359	372	360	404	401	390	391	383	393	4552
06	MEAN	29.89729	91729	93529	94729	94529	93829	93029	90629	89429	90529	89929	893	29.917
	S D	.086	.067	.060	.061	.051	.037	.037	.039	.042	.042	.060	.067	.059
	TOTAL OBS	372	347	381	359	372	360	403	401	390	391	383	393	4552
09	MEAN	29.93329	95029	96829	97829	96929	95729	95029	93129	92229	93729	93029	928	29.946
	S D	.089	.070	.060	.059	.049	.037	.037	.040	.041	.042	.061	.068	.059
	TOTAL OBS	372	347	381	359	372	360	402	400	390	391	383	393	4550
12	MEAN	29.89529	91729	93829	95129	94929	94029	93529	91429	89429	89729	88829	887	29.917
	S D	.086	.070	.058	.053	.046	.037	.037	.037	.041	.042	.060	.070	.060
	TOTAL OBS	372	347	381	359	373	360	402	402	390	390	384	393	4553
15	MEAN	29.85829	87929	90029	91429	92029	91329	90729	88229	86029	86629	85729	853	29.884
	S D	.083	.065	.061	.053	.048	.039	.037	.040	.042	.044	.060	.066	.060
	TOTAL OBS	372	348	381	359	372	360	402	402	390	390	384	393	4553
18	MEAN	29.86529	89929	91829	93129	93229	92029	91029	89029	88029	89529	88329	880	29.901
	S D	.084	.063	.059	.058	.049	.039	.039	.040	.043	.043	.059	.065	.058
	TOTAL OBS	371	348	380	359	372	361	402	402	390	390	384	394	4553
21	MEAN	29.91529	93129	95429	96829	96529	95229	94129	92429	91929	93029	91929	913	29.936
	S D	.086	.066	.056	.057	.046	.037	.038	.040	.040	.042	.059	.065	.057
	TOTAL OBS	372	348	380	359	372	360	401	402	390	390	384	394	4552
ALL HOURS	MEAN	29.89729	91629	93529	94729	94529	93629	92929	90829	89529	90529	89629	892	29.916
	S D	.088	.070	.062	.059	.051	.041	.040	.042	.046	.048	.063	.070	.061
	TOTAL OBS	2973	2779	3046	2872	2977	2881	3219	3210	3120	3124	3068	3146	36415

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

21601 JONATHAN ISLAND/PACIFIC IS 45-58,61-64,71

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1014.5	1014.1	1014.9	1015.1	1015.1	1014.8	1014.5	1013.8	1013.3	1013.9	1013.4	1013.2	1014.1	
	S D	2.839	2.264	1.922	1.792	1.458	1.225	1.198	1.164	1.208	1.470	1.899	2.237	1.910	
	TOTAL OBS	463	432	474	479	496	470	493	493	480	484	473	486	5723	
03	MEAN	1012.6	1013.1	1013.8	1013.9	1013.9	1013.8	1013.5	1012.8	1012.3	1012.9	1012.4	1012.3	1013.1	
	S D	2.775	2.234	1.957	1.872	1.535	1.248	1.241	1.220	1.271	1.543	1.964	2.258	1.929	
	TOTAL OBS	464	432	474	479	496	470	497	494	478	483	473	486	5726	
06	MEAN	1013.0	1013.5	1014.2	1014.4	1014.4	1014.2	1013.9	1013.1	1012.7	1012.9	1012.8	1012.6	1013.5	
	S D	2.806	2.286	1.995	2.011	1.626	1.285	1.277	1.267	1.322	1.553	2.015	2.252	1.978	
	TOTAL OBS	465	432	474	478	495	469	496	493	479	484	473	485	5723	
09	MEAN	1014.3	1014.7	1015.5	1015.6	1015.4	1015.0	1014.7	1014.1	1013.8	1014.1	1013.9	1013.9	1014.6	
	S D	2.875	2.356	2.005	1.933	1.551	1.247	1.230	1.249	1.293	1.480	1.988	2.245	1.952	
	TOTAL OBS	465	432	474	479	495	470	495	493	480	484	473	486	5726	
12	MEAN	1013.1	1013.8	1014.5	1014.8	1014.8	1014.5	1014.2	1013.5	1012.9	1012.9	1012.6	1012.7	1013.7	
	S D	2.916	2.365	1.956	1.745	1.480	1.219	1.199	1.176	1.287	1.438	1.924	2.298	1.979	
	TOTAL OBS	465	432	474	477	497	470	494	495	479	483	474	485	5725	
15	MEAN	1011.7	1012.3	1013.1	1013.4	1013.7	1013.5	1013.2	1012.4	1011.7	1011.7	1011.4	1011.5	1012.5	
	S D	2.741	2.179	2.005	1.780	1.534	1.269	1.231	1.253	1.326	1.553	1.967	2.283	1.991	
	TOTAL OBS	465	433	474	479	496	470	495	495	480	483	474	486	5720	
18	MEAN	1012.6	1013.0	1013.7	1013.9	1014.0	1013.6	1013.2	1012.6	1012.3	1012.6	1012.3	1012.3	1013.0	
	S D	2.754	2.123	1.962	1.928	1.560	1.304	1.292	1.276	1.346	1.532	1.951	2.180	1.917	
	TOTAL OBS	465	433	472	479	495	471	494	494	480	483	474	487	5727	
21	MEAN	1013.7	1014.1	1015.0	1015.2	1015.2	1014.8	1014.4	1013.8	1013.6	1013.9	1013.6	1013.4	1014.2	
	S D	2.833	2.222	1.979	1.895	1.493	1.255	1.246	1.256	1.258	1.512	1.908	2.153	1.904	
	TOTAL OBS	465	433	473	478	496	470	494	495	480	483	474	487	5728	
ALL HOURS	MEAN	1013.1	1013.6	1014.3	1014.5	1014.6	1014.3	1013.9	1013.3	1012.8	1013.0	1012.8	1012.7	1013.6	
	S D	2.899	2.363	2.091	2.002	1.647	1.368	1.349	1.365	1.462	1.686	2.093	2.350	2.055	
	TOTAL OBS	3717	3459	3789	3828	3966	3760	3958	3922	3826	3867	3788	3888	45808	

END

DATE  
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